

# ARMY



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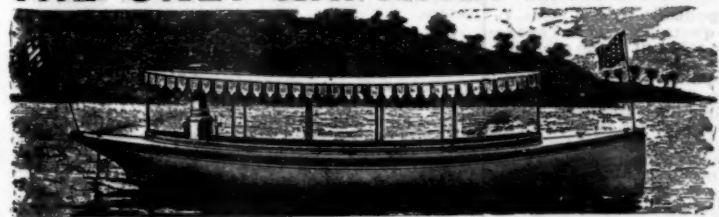
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### PERSONAL ITEMS

REAR ADMIRAL ANDREW BRYSON, U. S. Navy, is a recent guest at the Hotel Bartholdi, New York City.

REAR ADMIRAL THOMAS PATTERSON, U. S. N., who was retired in 1884, resides at New Brighton, Staten Island.

Among the recent arrivals at Honolulu is the wife of Chaplain R. R. Hoes, U. S. Navy, attached to the *Pensacola*.

REAR ADMIRAL JOHN H. UPSHUR, U. S. N., registered at the Clarendon Hotel, New York City, early in the week.

REAR ADMIRAL DANIEL AMMEN, U. S. N., is a recent contributor to the Minnesota Commandery of the Loyal Legion.

REAR ADMIRAL GEORGE H. COOPER, U. S. N., retired, has resumed his residence at the Clarendon Hotel, Brooklyn.

EX-PAYMASTER GENERAL HORATIO BRIDGE, U. S. Navy, continues to make his residence at Athens, Pa. He was retired April 8, 1868.

REAR ADMIRAL ALFRED TAYLOR, U. S. N., has returned to Washington and resumed the occupancy of his quarters at the Hotel Richmond.

LIEUTENANT and Mrs. FRANK E. BEATTY, U. S. N., will reside with Mrs. Wm. Peabody, 1511 Twentieth street, Washington, D. C., during the winter.

The wife of Chief Engineer F. G. McKean, U. S. Navy, will remain in Washington the most of the time during her husband's cruise on the *Boston*.

REAR ADMIRAL BANCROFT GHERARDI, U. S. N., and Rear Admiral Lewis A. Kimberly are the only members of their class on the active list of the Navy.

The No. 2 type B, Baird evaporators of the *Petrel* were tested before the vessel left the Brooklyn Navy-yard last week. They made at the rate of 2,400 gallons of water per day.

After a pleasant summer spent at Block Island, Medical Director and Mrs. W. T. Hord, U. S. N., have returned to Washington for the winter, and will live at 1702 Nineteenth street.

Mrs. HOLLIS, wife of P. A. Engineer I. N. Hollis, U. S. N., of the *Charleston*, has returned to Schenectady from the Pacific coast, where she will remain until something definite has been decided upon for the *Charleston*.

LIEUTENANT H. O. RITTENHOUSE, U. S. N., Prof. of Drawing at the Naval Academy, was at the Navy Dept. one day last week, looking up some material for his department. His stay was brief, returning the same day.

News has been received at the Department that Chief Engr. B. F. Garvin, U. S. N., has suffered a stroke of paralysis at his home, 3712 Walnut street, Philadelphia. He is sixty-eight years, having been retired in 1885.

Mrs. A. KAUTZ, wife of Capt. A. Kautz, U. S. N., now that the *Pensacola* has become in some sort a fixture in Navy Row, Honolulu, has taken up her residence on board her husband's ship, and chaperones the visiting ladies each Thursday.

ASSISTANT SURGEON CHARLES F. STOKES, U. S. N., has been invalided home from the U. S. S. *Iroquois* at Samoa, and is under treatment at the Mare Island Naval Hospital for a type of low fever afflicting the unacclimated voyagers in the Samoan group.

The complement of the *Pensacola* has been still further reduced by the recent assignment of Asst. Engr. Victor Blue, U. S. N., to duty at the Union Iron Works, San Francisco. The engineers of the *Pensacola* now comprise a chief and one assistant.

CHIEF ENGINEER C. H. LORING, U. S. N., retired, has taken up his residence on Clermont avenue, Brooklyn. Notwithstanding his retirement the ex-Chief of Bureau maintains his keen interest in all relating to the engineering world.

PASSED ASST. ENGINEER C. W. RAE, U. S. N., whose recent return from Europe was noted at the time, is in Washington with Mrs. Rae, and on Saturday last, Nov. 7, reported for temporary duty in the Bureau of Steam Engineering. Mr. Rae will probably be assigned to sea duty before long.

The smallest class graduating from the Naval Academy was that of the date of 1945. This class graduated but three members, and comprised Thos. T. Truxton, Ralph Chandler and John R. Hamilton. The first of these died at Naples while on the *Iroquois*; the second died at Hong Kong, and the third resigned and is still alive.

The Philadelphia *Times* of Nov. 10 has the following regarding the *Dispatch*: "A Court-martial has acquitted Lieut. Cowles and decided that no one was to blame for the wreck of the *Dispatch*. She had long been known as a beery old boat, and it is not surprising that she should have become a total wreck."

The New York *Times* says: "The opinion at the Brooklyn Navy-yard is unanimous that Capt. Henry Erben, the present commandant, is just the man for this time. Capt. Erben, it is said, is pressing all the departments hard. Work is being completed in a manner never before witnessed since the close of the war. The Navy-yard is now employing about 2,500 men."

At a meeting of the Navy Mutual Association, held on Nov. 6, Lieut. J. M. Robinson was admitted to membership, the beneficiary of Capt. A. R. Yates paid \$3,700 and the quarterly report of the Secretary and Treasurer read and discussed. The report shows a balance on Sept. 30 of \$44,939.90, including the amount invested in bonds.

MR. EDWARD C. SPOFFORD, of Tarrytown, has donated a fine library to the new cruiser *New York*, which has been accepted, for the Navy Department by Secretary Tracy. Mr. Spofford has also donated a handsome library to the mess at West Point, which Col. Wilson has graciously accepted.

MAJOR GREEN CLAY GOODLOE, paymaster of the U. S. Marine Corps, was ordered Nov. 4 to pay U. S. Marines at Portsmouth, Va., for October.

REAR ADMIRAL DE CUVENVILLE, of the French Navy, sailed for France this week on the steamship *La Touraine*. He carried with him many pleasant remembrances of his visit to the Port of New York.

LIEUTENANT T. P. KANE, U. S. Marine Corps, was "best man" at the marriage at Boston, Nov. 11, of Mr. D. H. Kane to Miss E. P. Keeth. Among the ushers were Lieut. L. A. Stafford, U. S. Marine Corps, and Ensign A. H. Robertson, U. S. Navy.

ADMIRAL DE BERANGER, the Spanish Minister of Marine, recently challenged the editor of a newspaper in Madrid to fight a duel. Four pistol shots were exchanged, but neither of the combatants was wounded. Immediately after the duel de Beranger resigned his portfolio as Minister of Marine.

The frontispiece of Harper's *Weekly* for Nov. 7, is an admirable picture by R. F. Zogbaum, entitled "The Brains of a Ship—inside the Conning-tower of a Modern War Vessel in Action." There are four figures. The captain stands with his finger on the button of an electric bell, watching the movements of the enemy; at the helm is the chief quartermaster and at the telegraph signal a young man wearing the blue knitted watch cap now issued to the service. W. King Nephew, Jr., describes the *Miantonomoh* as our first battleship giving illustrations of the placing of her guns in the turrets.

CAPTAIN C. L. HOOPER, commander of the Revenue steamer *Corwin*, states that before the vessel left Sitka the officers and crew erected a headstone over the grave of Lieut. L. L. Robinson, with the following inscription:

In Memory of  
L. L. ROBINSON, LIEUT. U. S. R. M.,  
Drowned with Boat's Crew at Icy Bay, Alaska,  
In Performance of Duty,  
June 6, 1891.  
Erected by Corwin.

Captain Hooper states that the officers and men of the *Pinta*, stationed at Sitka, had before the *Corwin's* arrival built a neat railing about the grave and thoughtfully cleared away much of the surrounding space.

CAPTAIN J. A. OLMSTEAD, 9th U. S. Cav., and Mrs. Olmstead left Fort Leavenworth Nov. 8 for Fort Robinson, Neb.

LIEUTENANT E. A. LEWIS, 18th U. S. Inf., lately on college duty at Baltimore, is a recent arrival at Fort Clark, Texas.

CAPTAIN G. P. COTTON, 1st U. S. Artillery, in South America on business connected with the World's Fair, is a recent arrival at San Pedro Sulas, San Salvador.

1st LIEUTENANT GEORGE COCHRAN BROOME, of the 12th Regiment, N. Y., was elected as Supervisor of the 1st Ward in Brooklyn at the recent election. He is a son of Col. Broome, of the Marine Corps.

The eldest son of the Prince of Wales has his official residence in the old St. James's Palace, but he does not care for the dingy place and likes to mess with his own regiment, the 10th Hussars, where there is more life and vivacity and fewer dowagers and duffers.

The Farmington (Minn.) *Tribune*, referring to the recent arrival there of Capt. Philip Reade, 3d U. S. Inf., and a party on regimental recruiting duty, says: "If there are any young men in this part of the country who are anxious to assist in whipping the Chilians, they will be afforded an opportunity by calling on Capt. Reade at any of the places previously named. We acknowledge a pleasant call from Capt. Reade, and had it not been for one or two previous engagements, we might have been induced to enlist, so pleasant did he make Army life appear."

EVERY one in St. Augustine is anxious to greet Capt. W. Murray Black, Corps of Engineers, U. S. Army, and his charming wife, and the esteemed couple are besieged at their home in North City. Congratulations and regrets are expressed—the former to the bride and bridegroom and the latter because the people of this city are so soon to lose Capt. Black, who has labored so faithfully in the interest of Florida.... Miss Sallie Means, of Ridgeway, S. C., an aunt of Mrs. David DuB. Gaillard, is renewing her visit with Lieut. and Mrs. Gaillard at their home in the Lovejoy cottage.—*Florida Times Union*.

A FORT SHERIDAN correspondent writes: Capt. L. E. Campbell, the efficient quartermaster in charge of building here, is going to take out of the occupied wing of the men's barracks much of the plumbing, which has been condemned, and things will be torn to pieces and replaced with larger pipes and waste traps. This work was done under charge of Capt. C. P. Miller, who built the infantry barracks. The drainage of the buildings will be improved by Capt. Campbell, who has had much experience at Fort Logan and other posts. The total expense will be nearly two thousand dollars. It is reported that Capt. Campbell will go before the Army Board in St. Louis for examination.

In the November number of the "Journal of the Military Institute" are articles by Lieut. Julius A. Penn on "Mounted Infantry"; Lieut. L. G. Berry, "Formulas for Penetration of Armor"; Col. Joseph P. Farley, "High Explosives"; Lieut. Alfred C. Sharpe, "Post Schools"; Capt. James Chester, "Sea Coast American Service"; Frank H. Edmonds, "Battle Tactics"; Lieut. Sidney E. Stuart, "Coast Artillery Organization" and a continuation of Gen. Tidball's "Artillery Service in the Rebellion." The editorial department contains articles by Col. John Hamilton, Lieut. C. L. Best, Major W. L. Haskin, Capt. Paul Roemer, Lieut. T. C. Patterson, Capt. Stanhope P. Buier, Capt. James Chester. The number concludes with a historical sketch of the Signal Corps, by Lieut. W. A. Glasford.

The Kansas City *Times* says: "Lieut. Sample, 14th Infantry, returned Nov. 7 from Hannibal, Mo., to which he was ordered to identify James E. Dodge, who deserted, less than two months ago, from the Army as a 2d lieut., 14th Infantry. He was arrested at Hannibal on the charge of burglarizing a dry

goods store, the evidence connecting him with the crime being a bolt of silk found in his wife's trunk. He admits his military crime—desertion and duplication of pay accounts—but positively denies his connection with the burglary. General Miles has given instructions for his arrest by the military as soon as the civil case against him is disposed of. But from the report of Lieut. Sample, Dodge is likely to be held on another criminal charge, attempting to obtain money under false pretences. His conduct is unaccountable. He had a bright future before him, and to rush into the commission of crime as he did is one of the mysteries."

CAPTAIN S. W. GROESBECK, 6th U. S. Infantry, was a visitor to Painesville, Ohio, this week.

CAPTAIN W. T. HARTZ, 15th U. S. Infantry, has left Fort Sheridan to spend the greater portion of the winter on leave.

LIEUTENANT H. C. HODGES, U. S. A., and Mrs. Hodges, left Fort Leavenworth Nov. 8 for Fort Yates, and many good wishes.

LIEUTENANT GEORGE MONTGOMERY, 2d U. S. Artillery, was a visitor at Fort Warren, Mass., this week on court-martial service.

CAPTAIN E. VAN ANDRUSS, 1st U. S. Art., was expected in Binghamton, N. Y., this week, to look up recruits fitted for artillery service.

LIEUTENANT C. DE L. HINE, 6th U. S. Infantry, is a recent arrival at Newport Barracks, Ky., for temporary duty with Townsend's company.

The members of the Society of 1812 residing in and near New York City, held an interesting meeting at 21 Park Row, on Friday of this week.

CAPTAIN L. S. AMES, 2nd U. S. Infantry, who is on recruiting duty at Albany, N. Y., has been transferred to Skeleton Company K of this regiment.

CAPTAIN JAMES REGAN, 9th U. S. Infantry, of Madison Barracks, was expected at Waterloo, N. Y., this week on recruiting duty for his regiment.

LIEUTENANT JOHN V. WHITE, 1st U. S. Artillery, who has been on college duty since April, 1889, will shortly join Russell's battery at Fort Wadsworth.

LIEUTENANT JOHN A. LOCKWOOD, under his recent exchange from the 17th Infantry to the 4th Cavalry, will join Wood's Troop I, at Presidio of San Francisco.

MAJOR ALFRED MORTON, U. S. A., is to read this winter before the Indiana Commandery of the Loyal Legion, a paper on an interesting military subject.

The United Service Club gives its first "Saturday Night" entertainment this season on Nov. 14, which will consist of vocal and instrumental music, recitations, etc.

QUARTERMASTER JOHN BAXTER, 9th U. S. Infantry, left Sackett's Harbor, N. Y., on Tuesday, on a short leave of absence, called to Glenwood, N. J., by the death of his mother.

LIEUTENANT GEO. W. BURR, 1st U. S. Artillery, will bid good-bye to friends at Fort Hamilton, N. Y. H., in a few days and start for the South for duty at the College of Mississippi.

MR. H. F. IVES, formerly a lieutenant of the 10th U. S. Infantry, but who resigned to accept a position as electrician in New York City, has been visiting old comrades at Fort Wayne, Mich.

LIEUTENANT E. C. BROOKS, 8th U. S. Cavalry, a bright young officer who hails from Oregon, succeeds Captain Brown, 11th Infantry, as instructor at the Delaware College, Newark, Del.

News was received at Deadwood, S. D., that John Treber, a German by birth and a prominent citizen, is now in the military prison at Moines, Germany, charged with desertion from the German Army in 1870.

ASSISTANT SURGEON PAUL CLENDENIN, U. S. A., one of the bright young medical officers of the Army, attained a captaincy on Nov. 5, and has our congratulations. He is stationed at Fort Brady, Mich., and is a son of Gen. D. R. Clendenin, retired.

MR. and MRS. JAMES MCKENNA, of Omaha, gave a card party Nov. 6 for Colonel and Mrs. Mason, the guests of General and Mrs. Frank Wheaton. Progressive high five was played and very much enjoyed. Mrs. Wickes, Miss Jams, Dr. Spencer, U. S. Army, and Mr. Trullitt, were the happy winners of the prizes. Refreshments were served at the card tables.

BREVET LIEUTENANT COLONEL EDMUND RICE, Captain 5th U. S. Inf., was, says a Chicago despatch, formally decorated with a Congressional medal of honor in recognition of his exceptional valor in repelling Pickett's charge at the Bloody Gap on the third day of the battle of Gettysburg, saving the national capital from falling into the hands of Gen. Lee. The presentation was made by Major General Miles in person, and was witnessed by the full staff and a number of distinguished civilians.

COLONEL T. H. STANTON, U. S. A., bestows well-deserved praise upon Capt. John Bourke's new work "On the Border with Crook." Of it he says: "It is a distinctive advance, in a literary and historical sense, over his previous works. It details, in a graphic manner, the history of events which come home closely to thousands of people throughout the West, and which resulted in giving areas large as empires to peaceful settlement. Capt. Bourke was the general's intimate and trusted friend, and this book, while not a biography, is full of intensely interesting details of one of the most picturesque and heroic of lives. The narration of the events recorded in this volume, while adhering to strict accuracy, is full of vivacity and polish of diction. There is not a dull page in it. Frontier life, in its most picturesque phases, comes in with lifelike color, with packers, teamsters, scouts, guides, Indians, and all the incidents of campaigning in a wild and hostile country are related with a freshness and truthfulness that are at once interesting and charming. Outside of the main story of Gen. Crook's services the book will have a permanent interest in its fascinating descriptions of characters and conditions which we shall probably see no more."



GENERAL F. T. DENT, U. S. A., is located at 1359 Race street, Denver, Colo.

CAPTAIN C. B. HINTON, 18th U. S. Infantry, was at North Adams, Mass., this week.

CAPTAIN W. H. W. JAMES, 24th U. S. Inf., was a visitor to Maryville, Tenn., this week.

INSPECTOR-GENERAL H. W. LAWTON, U. S. Army, visited friends in New York City this week.

LIEUTENANT E. E. DRAGO, 6th U. S. Cavalry, of Fort Niobrara, is a recent visitor to Omaha.

CAPTAIN J. A. BUCHANAN, 14th U. S. Infantry, was made the happy father of a daughter Nov. 7.

CAPTAIN A. C. TAYLOR, 2d U. S. Art., was at Burlington, Vt., this week on recruiting service.

CAPTAIN D. M. SCOTT, U. S. A., left New Orleans La., this week on a short visit to Ft. Pike, La.

COLONEL ALBERT BARNETT, U. S. A., retired, is located for the winter at The Hollidays, Cleveland, Ohio.

CAPTAIN C. P. MILLER, U. S. A., left Washington, D. C., this week on a visit to Chicago and Fort Sheridan.

COLONEL JAS. F. WADE, 5th U. S. Cavalry, will return to Fort Roup, O. T., next week from a short leave.

ADJUTANT T. S. McCALLER, 9th U. S. Infantry, left Sackett's Harbor, N. Y., this week, to be absent for a month.

LIEUTENANT T. B. LAMOREUX, 4th U. S. Art., now in Philadelphia, Pa., is due at Ft. Barrancas, Fla., next week.

LIEUTENANT JOHN BIGELOW, JR., 10th U. S. Cavalry, is expected East early in December to spend the winter.

CAPTAIN LOUIS V. CAZIARO, 2d U. S. Artillery, of Fort Adams, R. I., visited friends at Fort Warren, Mass., this week.

MAJOR J. W. POWELL, 6th U. S. Inf., commandant of Ft. Porter, paid a short visit to friends in New York City this week.

LIEUTENANT CLOUGH OVERTON, 4th U. S. Cav., has returned to Ft. Walla Walla from a pleasant trip to Boise Barracks, Idaho.

LIEUTENANT JOHN D. BARRETT, 3d U. S. Artillery, now visiting at Davenport, Iowa, will shortly return to Fort Monroe, Va.

LIEUTENANT E. H. WEBBER, 20th U. S. Infantry, is a recent addition to the commissioned roster of Camp Poplar River, Mont.

CAPTAIN LEONARD WOOD, Assistant Surgeon, U. S. Army, has returned to San Francisco from a visit to the Sequoia National Park.

LIEUTENANT JOHN T. NANCE, 2d U. S. Cav., a competent young officer, is due in a few days at Little Rock, Ark., for college duty.

CAPTAIN LEWIS JOHNSON, 24th U. S. Infantry, lately in New York City, is expected to arrive at San Carlos, Ariz., this week.

LIEUTENANT VICTOR H. BRIDGMAN, 2d U. S. Artillery, is a recent arrival at Fort Adams, R. I., for duty with Grugan's battery.

LIEUTENANT A. I. MORIARTY, 9th U. S. Infantry, has left Sackett's Harbor to spend the winter on leave for the benefit of his health.

CAPTAIN C. A. WOODRUFF, 2d U. S. Artillery, and Mrs. Woodruff have returned to Fort Leavenworth from a pleasant visit to the East.

MISS ELIZABETH REMSEN WEBB, daughter of Gen. A. S. Webb is to be married Saturday of this week in New York City to Mr. Geo. B. Parsons.

GENERAL RUFUS INGALLS, U. S. A., lately at Vancouver Barracks, is East again, with temporary quarters at the Grand Hotel, New York City.

GENERAL CHAUNCEY McKEEVER, U. S. A., and Mrs. McKeever, now visiting in New York City, are expected to return to Chicago early in December.

MISS MINKIE CABILL, daughter of the late Capt. James Cabill, 2d U. S. Cav., a gallant soldier of the Civil War, was married Nov. 10 to Mr. Harry Glavin.

LIEUTENANT W. M. DICKINSON, who has recently exchanged from the 4th Cavalry to the 17th Infantry, will spend the greater portion of the winter on leave.

LIEUTENANT EDW. STYLES CURTIS, 2d U. S. Artillery, is a recent addition to the membership of the District of Columbia Commandery of the Loyal Legion.

LIEUTENANT WILLIAM LASSITER, 16th U. S. Inf., lately at Greensboro, N. C., was expected in Washington, D. C., this week to be examined for promotion.

LIEUTENANT CHAS. G. MORTON, 6th U. S. Infantry, a recent arrival at Fort Porter, N. Y., has taken charge of signal instruction and ordnance matters at that post.

CAPTAIN GEORGE H. PALMER, 16th U. S. Inf., lately at Harrison, Ill., is a recent visitor in New York City, en route to join his company in the Department of the Platte.

CAPTAIN WM. R. HALL, Assistant Surgeon, U. S. Army, is bidding farewell to friends in New York and vicinity and then goes to San Francisco for duty at Angel Island, Cal.

LIEUTENANT GEO. MONTGOMERY, 2d U. S. Artillery, at present on regimental recruiting service, is expected soon at Fort Warren, Mass., for temporary duty with Scantling's battery.

The Stanley ex-Regular volunteers at a recent meeting in San Antonio passed a resolution conveying to Col. James P. Martin, U. S. A., an expression of the high appreciation of the friendly and very able address delivered by him at their inaugural ball, Oct. 24, and assuring him that they shall ever hold in kind remembrance and high esteem the gallant Col. Martin, the honored guest of the evening.

LIEUTENANT H. McL. POWELL, 2d U. S. Infantry, of Fort Omaha, is spending a few weeks on leave.

CAPTAIN MOSES HARRIS, 1st U. S. Cavalry, was a visitor to Sheboygan and Fond du Lac, Wis., this week.

LIEUTENANT H. L. BAILEY, 21st U. S. Infantry, on leave until Dec. 1, is visiting at 1007 Farnum street, Omaha, Neb.

CAPTAIN J. M. LEE, 9th U. S. Infantry, was expected at Madison Barracks, N. Y., the latter part of this week from the West. He will receive a hearty welcome.

LIEUTENANT G. E. SAGE, 5th U. S. Artillery, has been looking up recently likely young Oregonians at and near Salem ambitious to enter upon a military career.

CAPTAIN J. S. LOUD, 9th U. S. Cavalry, of Fort Robinson, is expected to visit Detroit, Mich., next month and will spend December and January in the East on leave.

LIEUTENANT CHAS. L. BECKURTS, 6th U. S. Infantry, has bid good-bye to friends at Newport Bks., Ky., and now joins Wetherill's company at Fort Wood, Bedford's Island.

LIEUTENANT-COLONEL CHAS. A. WIKOFF, 19th U. S. Infantry, will, under his recent promotion, join his regiment in Michigan, and probably take command of the post of Fort Brady.

GENERAL WILLIAM BRATTLE ROCHESTER, U. S. A., and Rear-Admiral Francis Asbury Roe, U. S. N., have resigned membership in the District of Columbia Commandery of the Loyal Legion.

LIEUTENANT C. L. CORTELLI, 4th U. S. Artillery, under recent orders, bids good-bye to friends at Fort Barrancas, Fla., and goes to Fort Adams, R. I., for duty with Cushing's light battery.

LIEUTENANT-COLONEL J. B. PARKE, 21 U. S. Infantry, will delay joining at Fort Omaha until the conclusion of his duties as president of an Examining Board in session at Washington, D. C.

At the request of the family of the late Hawaiian Minister, Major-General Howard revoked so much of his orders as required the artillery troops in New York Harbor to attend the funeral on Nov. 8.

COLONEL CHAS. G. BARTLETT, 9th U. S. Infantry, of Madison Bks., Sackett's Harbor, is spending a few weeks on leave. During his absence the post is under command of Major Richard Combs, 9th Infantry.

CAPTAIN E. S. GODFREY, 7th U. S. Cavalry, recently on sick leave, is at present on duty in Washington assisting in the Publication of the new Drill Regulations for the Army. His address is No. 908 14th street, N. W.

We take pleasure in publishing in full this week the complimentary order issued by General Wesley Merritt, relieving 1st Lieut. Arthur Murray, 1st U. S. Artillery, from duty on his staff. It is a well merited tribute to a most capable officer.

MAJOR EDWIN M. COATES, 19th U. S. Infantry, commandant of Fort Mackinac, arrived at Fort Wayne, Mich., this week to take temporary command of the post and of his regiment until the arrival of Col. Jordan or Lieut.-Col. Wikoff.

LIEUTENANT WM. KINLEY JONES, 14th U. S. Infantry, was married Nov. 5 at New York City, to Miss May Edith Schuyler Crampton, daughter of Dr. Henry E. Crampton. The married couple are on a tour to the West and will soon join at Vancouver Barracks.

SENIORS in the infantry arm are now Lieut.-Col. Horace Jewett, 31 Regt.; Major Edward Monle, 1st, and Capt. Chas. Bentzoni, 25th. As it seems pretty certain that the brigadier-generalship to be filled January next will go to the infantry, these officers will then get their step on that date, if no casualty intervenes.

LIEUTENANT ODON GUBOVITS, 11th U. S. Infantry, will leave Sackett's Harbor early in December for Europe and will spend the winter visiting relatives and friends in Austro-Hungary and Germany. He made a brief visit to New York City early in the week and afterwards returned to Sackett's Harbor.

Last night was Gen. Flagler's night. The representative business men of Davenport, Rock Island and Moline, with the Army officers from the island, met to do honor to one of the most distinguished officers of the country, one who has spent just half of his military life in this locality.—Davenport Democrat.

MAJOR W. H. NASH, U. S. A., of Vancouver Bks., has recently been at Gallipolis, Ohio, visiting his mother. The Journal says: "The major is looking splendid, and if it were not for his frosty brow and whiskers would not be taken for over 30 years old. He has some tall stories to tell of Washington and believes it capable enough in resources to almost support the whole nation."

COLONEL JOHN HAMILTON, U. S. Army, retired, contributes to the November number of the Journal of the Military Service Institution an article on "The Summary Court," which shows that though he may have been relegated to the shelf by the Act of June 30, 1882, he has by no means lost his interest in Army affairs or the mental vitality which characterized him when in active service.

The Detroit Tribune has a flattering notice of Principal Musicien John W. Whiteley, of the 19th U. S. Inf., a veteran of over 20 years' service. After recounting his services, the Tribune says: "He has the confidence and esteem of all the officers and men in the regiment. Mr. Whiteley is married, and his union has been blessed with four children, two boys and two girls, but only one of them, a daughter, 14 months of age, is now living."

CAPTAIN S. R. STAFFORD, 15th U. S. Infantry, stationed at Chicago, Ill., has opened a recruiting office in Galatzburg and will make his headquarters in the law office of Capt. T. L. McGirr, where enlistments of recruits for the 15th Regiment stationed at Fort Sheridan, Ill., will be received. Fort Sheridan is located 24 miles from Chicago, on the Milwaukee branch of the Northwestern Railroad.

LIEUTENANT E. L. FLETCHER, 13th U. S. Infantry, whose health is not very good, will spend the winter on leave.

GENERAL D. S. STANLEY, U. S. A., and Mrs. Stanley, recently visiting in San Francisco, have gone on a short visit to Los Angeles.

LIEUTENANT C. J. T. CLARKE, 10th U. S. Infantry, has bid good-bye to friends at Davids Island, N. Y. H., and started West to join his regiment.

CAPTAIN C. A. BOOTH, 7th U. S. Inf., has returned to his station at Harrisburg, Pa., from a visit to his home in Vermont, where he went to attend a family wedding.

COLONEL E. P. PEARSON, 10th U. S. Infantry, was expected to arrive at Fort Stanton, N. M., this week, and assume command of that post and of his regiment.

LIEUTENANT A. C. MACOMBER, 5th U. S. Cavalry, who has been visiting relatives in Washington, D. C., for a few weeks past, will rejoin his regiment in a few weeks.

LIEUTENANT LOTUS NILES, 2d U. S. Artillery, who has been spending a leave at Bethlehem, Pa., was expected to return to Fort Adams, R. I., the latter part of this week.

The 50th birthday of the Prince of Wales occurred on Monday last, Nov. 9, and Her Majesty's subjects all over the world were not forgetful of the fact, for the Prince is extremely popular with all classes.

A GARDEN CITY, (L. I.) despatch says: Capt. E. C. Bowen, U. S. A., military instructor at St. Paul's School, who resides at Hempstead, had a narrow escape from death in his barn recently. He was in a box stall with one of his horses, when for some unaccountable reason the horse became frightened and began to plunge and kick. The captain was soon knocked down and was being trampled on and kicked, when his coachman discovered his predicament and rescued him from his perilous position. His injuries, though severe, were not of a serious nature.

The Vancouver Independent says: Col. and Mrs. Anderson entertained at dinner, on Thursday, Gen. and Mrs. McCook, Gen. and Mrs. Kautz, Col. and Mrs. Byrne and Major and Mrs. McOrea. The friends of Major Theo. J. Eckerson, retired, will be pleased to learn that his publishing house, J. K. Gill and Co., Portland, Ore., are issuing a second edition of the major's pleasant poems, "When My Ship Comes In." Gen. A. McD. McCook and wife, of Los Angeles, with Mrs. Col. Byrnes, of Vancouver Barracks, has been spending a few days with his brother-in-law, Mr. Horace Phillips, at Seattle.

A WASHINGTON despatch says: "Major Culver C. Sniffen, Paymaster, U. S. A., arrived on Saturday last at Fort Clark from San Antonio with \$3,300 in his possession to pay off troops. It being too late in the day to make disbursements he followed out the usual custom of locking up the funds in one of the cells of the guardhouse, keeping the keys in his possession. When he went for his money in the morning he found his chest rifled of the amount named. Much sympathy is expressed for Major Sniffen, who is regarded as one of the most efficient and careful paymasters in the corps." A San Antonio despatch of Nov. 10 says: "John Sullivan, a discharged soldier, has been arrested here on a charge of having robbed Paymr. Sniffen. He had no money in his possession, and it is believed his confederate, another discharged soldier, who came here with him Sunday morning, got away with the money."

Mrs. CUSTER's lecture, "Life on the Western Plains," at Grace Reformed Church, New York City, Nov. 6, seems to have been received with enthusiastic satisfaction. She spoke highly of Captain Charles King as a writer of Army stories, although he does portray some women who are not altogether lovely. "But his other women are so lovely and his men so brave that he really needs a foil to place them against," said she. Going back to the Army, she declared it a "very much married place," and thought that Army marriages, to be happy, should be for love. "And, indeed, there is nothing else in it to marry for," she declared. Mrs. Custer paid a tribute to the honesty of Army officers in their disbursement of Government money, and closed with stories illustrating their strict sense of social honor.

"Our Army Up Above" and "Ramson Row" are the titles of two pretty little songs recently published by Mrs. Clara Bell Brown, of Washington, D. C., sister of the late Lieut. J. E. Bell, of the class of '67, and daughter of Gen. Bell, who commanded the 15th Illinois during the war. The former is dedicated to the Grand Army of the Republic, and has become one of the popular songs of the day at many Grand Army posts. The latter is dedicated to the Cadet Glee Club of the West Point Military Academy, and has been enthusiastically received by the entire Cadet Corps and officers of the Academy. Mrs. Brown has received a number of autograph letters from prominent people in all parts of the country complimenting her upon her productions, the President's family, Gen. Townsend and Col. Willson being included among the number.

MANY happy returns of the day to 1st Lieut. Nelson Bronson, retired, born Nov. 14; to Gen. Wager Swayne, retired, born Nov. 10; to Capt. Deane Monahan, retired, born Nov. 14; to Lieut. J. B. Eaton, 3d Art., born Nov. 8; to Major-Gen. O. O. Howard, born Nov. 8; to Major J. Gilman, C. S., born Nov. 11; to Lieut.-Col. T. C. Sullivan, A. C. G. S., born Nov. 14; to Major J. V. Lauderdale, surgeon, born Nov. 18; to Major D. G. Caldwell, surgeon, born Nov. 12; to Lieut.-Col. A. S. Hawkins, 23d Inf., born Nov. 18; to Capt. W. H. Boyle, 21st Inf., born Nov. 18; to Capt. M. C. Wilkinson, 3d Inf., born Nov. 14; to Col. H. C. Merriam, 7th Inf., born Nov. 18; to Captain Harry C. Cushing, 4th Art., born Nov. 8; to Capt. J. R. Myrick, 3d Art., born Nov. 9; to Capt. John Pitman, O. D., born Nov. 12; to Capt. Abner Haines, Jr., 2d Inf., born Nov. 14; to Major A. S. Towar, P. D., born Nov. 10; to Capt. J. F. Weston, C. S., born Nov. 18; to Capt. A. L. Meyer, 11th Inf., born Nov. 14; to Capt. T. W. Mansfield, 11th Inf., born Nov. 11; to 1st Lieut. J. K. Waring, 2d Inf., born Nov. 12; to Capt. T. G. Townsend, 6th Inf., born Nov. 8; to Chaplain W. K. Tully, born Nov. 8; to Capt. Chas. Richard, asst.-surg., born Nov. 10.



## THE ARMY.

**BENJAMIN HARRISON, President and Commander-in-Chief.**

**REDFIELD PROCTOR, Secretary of War.**

**LEWIS A. GRANT, Assistant Secretary of War.**

**CIR. 15, DEPT. OF ARIZONA, Oct. 31, 1891.**

Invites attention to the decisions and orders of the War Department, relating to forms for the records of proceedings of courts-martial.

**CIR. 4, DEPT. OF CALIFORNIA, Nov. 4, 1891.**

Owing to errors that have occurred in the records of courts-martial, apparently due to the use of printed copies of orders conveying said courts pasted on the records, it is directed that hereafter the names of members recorded as present or absent at any meeting of a court-martial shall be entered in writing. Type writing is admissible.

By command of Brig.-Gen. Ruger:  
O. D. GREENE, Asst. Adjt.-Gen.

**G. O. 22, DEPT. OF DAKOTA, Oct. 31, 1891.**

His term of service at these headquarters having, under A. H. St. expired, 1st Lieutenant Arthur Murray, 1st Artillery, is hereby relieved from duty and will, by authority of the Secretary of War, proceed to the station of his battery in the Department of the East and report for duty. The travel is necessary for the public service.

In parting with this officer the Department Commander takes occasion to express in the most decided terms his high appreciation of Lieutenant Murray's services since he has been a member of the staff of this Department and of that of the Department of the Missouri.

In every position in which his services have been necessary, but more especially as Judge-Advocate and Acting Assistant Adjutant-General, Lieutenant Murray has exhibited zeal, efficiency and ability of the highest order. His capacity and talent mark him as an exceptional officer, and the Commanding General of the Department takes this occasion to commend Lieutenant Murray to the War Department as especially fitted for duties, the proper discharge of which require good practical common sense, combined with experience, thorough theoretical knowledge, and a high order of talent.

By command of Brig.-Gen. Merritt:  
M. BARBER, Asst. Adjt.-Gen.

**G. O. 24, DEPT. OF DAKOTA, Nov. 4, 1891.**

Announces the abandonment Nov. 4 of Fort Bennett, S. D.

**G. O. 9, DEPT. OF THE EAST, Nov. 2, 1891.**

The following communication is published for the information and guidance of all concerned in the Department of the East:

HEADQUARTERS OF THE ARMY,  
ADJUTANT-GENERAL'S OFFICE,  
WASHINGTON, October 27, 1891.

The Commanding General, Department of the East, Governor's Island, N. Y.:

SIR: I have the honor, by direction of the Major-General Commanding the Army, to communicate the following instructions:

"The first and second class gunners' insignia, to be issued as contemplated in General Orders, No. 132, Adjutant-General's Office, 1890, are part of the ordnance property of the United States. They will be forwarded as rapidly as they can be provided, to each battery commander, who will account for them on his return of ordnance property. As soon as practicable each battery commander will be supplied with the maximum number to which his battery can become entitled, viz.: five first-class and ten second-class insignia. He will issue the insignia to such men as he is officially informed from Department Headquarters are entitled to them under the provisions of General Orders, No. 132, A. G. O., 1890. Whenever, as the result of a battery competition, he is officially informed that any man of his command previously entitled to the insignia has failed to classify, the insignia will be returned to the battery commander, to be again issued to such men as may become entitled to them. When issued, the insignia will not be dropped from the battery returns of ordnance property, but will be carried as being in the possession, under proper authority, of such and such men of the battery."

Very respectfully,  
J. C. KELTON, Adjutant-General.

By command of Maj.-Gen. Howard:  
Geo. D. RUGGLES, Asst. Adjt.-Gen.

## STAFF CORPS AND DEPARTMENTS.

## Adjutant and Inspector Generals.

Leave for one month is granted Maj. M. V. Sheridan, Asst. A. G. (S. O. 124, Nov. 6, D. Platte.)

## Quartermasters and Subsistence Departments.

Capt. Crosby P. Miller, Asst. Q. M., will proceed from Washington, D. C., to Ft. Sheridan, Ill.; Ft. Wayne, Mich., and David's Island, N. Y. H., on public business connected with the Q. M. Dept., and, upon completion thereof, will return to his proper station (S. O. Nov. 5, H. Q. A.).

Leave for four months, with permission to go beyond sea, to take effect about Dec. 8, is granted Lieut.-Col. William B. Hughes, Depy. Q. M. Gen. (S. O. Nov. 11, H. Q. A.).

Capt. Douglas M. Scott, C. S., will proceed to Ft. Pike, La., on public business (S. O. 67, Nov. 6, D. East.).

## Pay Department.

Maj. John C. Muhlenberg, Paymr., accompanied by his authorized clerk, will proceed on public business to Portland, Ore., and return (S. O. 180, Oct. 29, D. Columbia.).

Maj. John C. Muhlenberg, Paymr., will proceed on public business to Portland, Ore., and return (S. O. 181, Oct. 31, D. Columbia.).

Maj. John C. Muhlenberg, Paymr., will proceed on public business to Portland, Ore., and return (S. O. 183, Nov. 3, D. Columbia.).

Payments to troops in the Dept. of California, on the muster of Oct. 31, are assigned to paymasters as follows: Maj. Frank M. Cox, Presidio of San Francisco, Ft. Mason, Benicia Barracks, Benicia Arsenal and Ft. Gaston, Cal.; Maj. W. M. Maynadier, Angel Island, Alcatraz Island and Ft. Bidwell, Cal. (S. O. 106, Nov. 4, D. Cal.).

## Medical Departments.

Capt. Leonard A. Wood, Asst. Surg., will proceed to the camp of Troop K, 4th Cav., in the Sequoia National Park, Cal., on public service (S. O. 106, Oct. 31, D. Cal.).

Lieut.-Col. Charles C. Byrne, Surg., Med. Dir., will proceed to and inspect the Medical Department at the following named posts: Boise Barracks, Idaho; Ft. Walla Walla, Wash.; Ft. Sherman, Idaho, and Ft. Spokane, Wash. (S. O. 181, Oct. 31, D. Columbia.). The journey performed by Asst. Surg. Frank H. Holland, from Ft. Custer, Mont., to St. Paul, Minn., is confirmed (S. O. 181, Oct. 31, D. Dak.).

At his own request, the contract of Asst. Surg. Frank H. Holland is annulled, to take effect this date (S. O. 181, Oct. 31, D. Dak.).

The contract, with Asst. Surg. William Johnson, San Carlos, A. T., is annulled, to take effect Nov. 10 (S. O. 133, Nov. 2, D. Ariz.).

Lieut.-Col. Dallas Baché, Surg., Med. Dir. Dept. of the Platte, will proceed to Ft. Logan, Colo., and Ft. Douglas, Utah, on public business (S. O. 123, Nov. 2, D. Platte.).

The leave for seven days granted Maj. J. H. Patzki, Surg., is extended five days (S. O. 112, Nov. 3, D. Mo.).

Capt. William E. Hopkins, Asst. Surg., is detailed as a member of the Army Retiring Board at the Army Building, New York City, vice Capt. Edwin F. Gardner, Asst. Surg., relieved (S. O., Nov. 7, H. Q. A.).

The extension of leave granted Col. Chabunee McKeever, Asst. A. G., is further extended 10 days (S. O. Nov. 7, H. Q. A.).

Capt. William H. Hall, Asst. Surg., will be relieved from duty at Ft. Schuyler, N. Y., on the arrival at that post of Maj. William D. Wolverton, Surg., and will then proceed to Angel Island, Cal., for duty (S. O., Nov. 7, H. Q. A.).

The following assignments to duty of officers of the Medical Department are ordered: 1st Lieut. Henry C. Fisher, Asst. Surg., will proceed from Washington, D. C., to Ft. Riley, Kas., and report for duty to the C. O. of that post; 1st Lieut. Henry A. Shaw, Asst. Surg., will proceed from Worcester, Mass., to Ft. McKinney, Wyo., for duty; 1st Lieut. Samuel R. Dunlop, Asst. Surg., will proceed from New York City, N. Y., to Ft. Sill, O. T., for duty; 1st Lieut. Charles F. Kieffer, Asst. Surg., will proceed from Philadelphia, Pa., to Ft. Sheridan, Ill., for duty; 1st Lieut. Frank T. Meriwether, Asst. Surg., will proceed from Asheville, N. C., to Ft. Adams, R. I., for duty, relieving Capt. Arthur W. Taylor, Asst. Surg. (S. O., Nov. 11, H. Q. A.).

## Engineer and Ordnance Departments.

The detail of Lieut.-Col. John W. Barlow and 1st Lieut. David Du B. Gaillard, C. E., for duty, under the direction of the Secretary of State, in connection with the location and marking of the boundary between Mexico and the United States under the convention between those countries, is announced, and Lieut.-Col. John W. Barlow, C. E., is designated as disbursing officer for the commission (S. O., Nov. 6, H. Q. A.).

Ord. Sergt. Bernard O'Beirne (appointed November, 1891, from sergeant Co. B, 20th Inf.), now at Ft. Assiniboine, Mont., will proceed to Ft. Warren, Mass., for duty (S. O., Nov. 5, H. Q. A.).

Ord. Sergt. John Connell, now at Ft. Warren, Mass., will proceed, without delay, to Ft. Grant, A. T., for duty (S. O., Nov. 5, H. Q. A.).

## Chaplains.

Leave for four months, to take effect on or about Nov. 20, is granted Post Chaplain William K. Tully (S. O., Nov. 7, H. Q. A.).

## THE LINE.

The Stations of Companies not mentioned here will be found by reference to last number of the JOURNAL.

## 1st Cavalry, Colonel Abraham K. Arnold.

Hdqs., B. E. G. K., and L., Ft. Custer, Mont.; D. Ft. Keogh, Mont.; I. Ft. Leavenworth, Kas.; C. and F. Ft. Assiniboine, Mont.; H. Fort Buford; A. Ft. Myer, Va.—Indian troop.

Capt. Moses Harris, recruiting officer, Milwaukee, Wis., will visit the temporary branch rendezvous at Sheboygan, Wis., Nov. 6, 13, 20 and 27, and to Fond du Lac, Wis., Nov. 13 on duty in connection with the recruiting service (S. O. 247, Nov. 4, R. Ser.).

The leave granted 1st Lieut. Oscar J. Brown, aide-de-camp, is extended 15 days (S. O., Nov. 7, H. Q. A.).

Leave is granted 1st Lieut. Frederick S. Foltz for four months, to take effect about Dec. 10, and 2d Lieut. John D. L. Hartman for three months, to take effect about Dec. 1 (S. O., Nov. 10, H. Q. A.).

Leave for four months, to take effect Dec. 1, is granted 1st Lieut. John Pitcher (S. O., Nov. 11, H. Q. A.).

## 2nd Cavalry, Colonel George G. Hunt.

Hdqs., C. D. H. and L., Ft. Winona, Minn.; K. San Carlos Ariz.; G. Ft. Stanton, N. M.; B. and I. Ft. Huachuca, Ariz.; A. and E. Ft. Bowie, Ariz.; F. Ft. Leavenworth, Kas.—Indian troop.

The extension of leave granted Capt. Joshua L. Fowler is further extended 15 days (S. O., Nov. 11, H. Q. A.).

## 3rd Cavalry, Colonel James F. Wade.

Hdqs., B. C. E. G. K., and L., Ft. Reno, Okh. T.; D. and H. Ft. Sill, Okh. T.; A. and F. Ft. Supply, Ind. T.; I. Ft. Leavenworth, Kas.—Indian troop.

Leave for ten days is granted Col. James F. Wade, Fort Reno, O. T. (S. O. 112, Nov. 3, D. Mo.).

The extension of leave granted 1st Lieut. Augustus C. McComb is further extended ten days (S. O., Nov. 6, H. Q. A.).

The leave granted Capt. Francis Michler is extended 1 month and 15 days (S. O., Nov. 7, H. Q. A.).

## 4th Cavalry, Colonel Eugene A. Carr.

Hdqs., A. E. F. G. K. and L., Ft. Niobrara, Neb.; C. D. and E. Ft. McKinney, Wyo.; I. Fort Yellowstone, Wyo.; B. Ft. Washakie, Wyo.—Indian troop.

1st Lieut. Edward E. Dravo, Fort Niobrara, Neb., will report in person at Hdqs. D. Platte on public business (S. O. 123, Nov. 2, D. Platte.).

## 5th Cavalry, Colonel James S. Brislin.

Hdqs., A. B. C. D. E. I. and K. Ft. Meade, S. D.; L., Ft. Keogh, Mont.; F. and G. Ft. Yates, N. D.; H. Ft. Myer, Va.—Indian troop.

The leave granted Capt. Edmund Luff is extended one month on surgeon's certificate of disability (S. O., Nov. 7, H. Q. A.).

2d Lieut. Edward C. Brooks is detailed as professor of military science and tactics at Delaware College, Newark, Del. (S. O., Nov. 9, H. Q. A.).

## 9th Cavalry, Colonel James Biddle.

Hdqs., A. D. E. F. G. and I. Ft. Robinson, Neb.; B. and H. Ft. Du Chesse, Utah; C. Ft. Leavenworth, Kas.; K. Fort Myer, Va.

Leave for one month, to take effect between Dec. 5 and 15, is granted Capt. John S. Loud, Fort Robinson, Neb., with permission to apply for an extension of one month (S. O. 124, Nov. 6, D. Platte.).

## 10th Cavalry, Colonel John K. Minsner.

Hdqs., A. F. G. and K. Ft. Grant, A. T.; E. and I. Ft. Apache A. T.; B. and H. San Carlos, A. T.; C. and D. Ft. Bayard, N. M.

Leave for four months, to take effect on or about Dec. 1, is granted 1st Lieut. John Bigelow, Jr. (S. O., Nov. 7, H. Q. A.).

The C. O. Fort Gaunt will grant to 1st Sergt. Wm. H. Given, Troop K, a furlough for six months (S. O. 132, Oct. 30, D. Ariz.).

The C. O. Fort Apache will grant to Sergt. Colonel E. Miller, Troop H, a furlough for four months (S. O. 132, Oct. 30, D. Ariz.).

Sergt. Wm. H. Allen, Troop B, having been assigned for duty with the regimental band, will proceed from San Carlos to Fort Grant, A. T. (S. O. 132, Oct. 30, D. Ariz.).

## 1st Artillery, Colonel Loomis L. Langdon.

Hdqs., A. G. I. and K., Ft. Hamilton, N. Y. H.; C. D. and J., Ft. Wadsworth, N. Y. H.; E. Ft. Sheridan, Ill.; B. H. and M., Ft. Columbus, N. Y. H.; F. Ft. Monroe, Va.—Light battery.

1st Lieut. Thomas C. Patterson will report to the C. O. Fort Columbus for temporary duty with Bat. B (S. O. 68, Nov. 9, D. East.).

2d Lieut. Geo. W. Burr is detailed as professor of military science and tactics at the Agricultural and Mechanical College of Mississippi, Oktibbeha Co., Miss., and will report in person for duty accordingly, relieving 1st Lieut. John V. White, who will proceed to join his battery (S. O., Nov. 9, H. Q. A.).

Sergt. John Murray, Bat. D, charged with drunkenness, etc., at Fort Wadsworth, was sentenced to reduction and forfeiture of \$20. Maj. Gen. Howard says: "Upon the recommendation of the court and the excellent record of the prisoner during four previous enlistments, so much of the sentence as provides for reduction in grade, is remitted. It is hoped this clemency will have the effect to spur the sergeant to increased diligence and good conduct, so that the blot upon his name may be forgotten."

## 2nd Artillery, Colonel John Mendenhall.

Hdqs., C. G. and H. Ft. Adams, R. I.; L. Ft. Trumbull, Conn.; E. Ft. Fribble, Me.; B. and D. Ft. Warren, Mass.; A. Ft. Riley, Kas.; F. Ft. Leavenworth, Kas.; I. Ft. Monroe, Va.; K. and M., Ft. Schuyler, N. Y.—Light battery.

1st Lieut. J. Conklin, Jr., is relieved from duty as J. A. of the G. C. M. at Fort Leavenworth, Kas. (S. O. 112, Nov. 3, D. Mo.).

## 3rd Artillery, Colonel L. R. I. Livingston.

Hdqs., A. C. E. F. K. and L., Washington Bks., D. C. D.; G. and I. Ft. McHenry, Md.; B. and M., Ft. Monroe, Va.; F. Ft. Sam Houston, Tex.—Light battery.

Lieut.-Col. E. C. Bainbridge is detailed member of the G. C. M. at Fort McHenry, Md. (S. O. 69, Nov. 11, D. East.).

2d Lieut. John P. Hains is detailed a member of the G. C. M. at Fort McHenry, Md., vice 2d Lieut. Geo. O. Squier, relieved (S. O. 69, Nov. 11, D. East.).

A Washington despatch says: "Complaints made by some of the soldiers at the barracks of the insufficient quantity and quality of their food have attracted some attention at the War Department, although it is a matter that must be dealt with by Maj.-Gen. Howard, the Department commander."

## 4th Artillery, Colonel Henry W. Closson.

Hdqs., C. D. K. L. E. G. and I. Ft. McPherson, Ga.; F. Ft. Riley, Kas.; H. Ft. Monroe, Va.; A. and M., Ft. Barranca, Fla.; B. Ft. Adams, R. I.—Light battery.

The leave for ten days granted 2d Lieut. John E. McMahon, aide-de-camp, is made of record (S. O. 132, Oct. 30, D. Ariz.).

1st Lieut. Albert S. Cummins, adjt., is relieved as a member of the G. C. M. at Fort McPherson, Ga., and 1st Lieut. Sidney W. Taylor is detailed member in his stead (S. O. 66, Nov. 4, D. East.).

## 5th Artillery, Colonel William M. Graham.

Hdqs., B. C. D. E. F. H. and K., Presidio of San Francisco Cal.; M. Ft. Mason, Cal.; I. and L., Ft. Canby, Wash.; A. and J., Alcatraz Island, Cal.; G. Ft. Monroe, Va.—Light battery.

The extension of leave granted Capt. A. W. Vogdes is further extended ten days (S. O. 181, Oct. 31, D. Columbia.).

1st Lieut. Edward T. Brown is detailed as J. A. of the G. C. M. for and during the trial of Pvt. Weiss, Bat. K, vice 2d Lieut. Wm. C. Davis, who is relieved as J. A. during said trial (S. O. 106, Oct. 31, D. Cal.).

## 1st Infantry, Colonel William H. Shafter.

Hdqs., A. B. E. G. and H. Angel Island, Cal.; C. and D. Benicia Bks. Cal.; F. Ft. Gaston, Cal.; I. Ft. Bidwell, Cal.—Indian company.

## 2nd Infantry, Colonel Frank Wheaton.

Hdqs., A. B. C. D. E. F. G. and H. Ft. Omaha, Neb. The leave granted 2d Lieut. Hiram McL. Powell is extended 23 days (S. O. 123, Nov. 2, D. Platte.).

The following transfers are made: Capts. Aaron S. Daggett, from Co. K to E, and Luther S. Ames, from Co. E to K; 2d Lieut. Wm. M. Wright, from Co. K to H (S. O., Nov. 9, H. Q. A.).

## 4th Infantry, Colonel William P. Carlin.

Hdqs., A. D. F. and H. Ft. Sherman, Idaho; B. E. G. and I., Ft. Spokane, Wash.; C. Boise Barracks, Idaho.—Indian company.

The leave granted 1st Lieut. Chas. W. Mason is extended 23 days (S. O., Nov. 9, H. Q. A.).

## 5th Infantry, Colonel Nathan W. Osborne.

Hdqs., D. and E. Ft. Francis Bks., Fla.; B. and H. Jackson Bks., La.; C. and G. Ft. Vernon Bks., Ala.; A. Ft. Leavenworth, Kas.; F. Ft. Sam Houston, Tex.

1st Lieut. Wm. H. C. Bowen, recruiting officer, New Haven, Conn., will visit the following temporary branch rendezvous on duty in connection with the recruiting service on the dates specified, and on completion of the duty will rejoin his station: Waterbury, Nov. 3, 10, 17 and 24; Bridgeport, Nov. 5, 12, 19 and 27; Danbury, Nov. 13; Hartford, Nov. 18; Canaan, Nov. 21 (S. O. 245, Nov. 2, R. Ser.).

## 6th Infantry, Colonel Melville A. Cochran.

Hdqs., F. and G. Ft. Thomas, Ky.; E. Newport Barracks, Ky.; A. Ft. Wood, N. Y. H.; B. and D. Ft. Porter, N. Y.; C. Ft. Ontario, N. Y.; H. Plattsburgh Barracks, N. Y.

Capt. Stephen W. Groesbeck, recruiting officer, Cleveland, O., will visit the temporary branch ren-



devious at Painesville, O., Nov. 2, 9, and 16, on duty in connection with the recruiting service, and on completion of the duty will rejoin his station (S. O. 246, Nov. 3, R. Ser.)

**7th Infantry, Colonel Henry C. Merriam.**

Hdqs., A. B. C. D. E. and F. Ft. Logan, Colo.; G. Camp Pilot Butte, Wyo.; H. Ft. Leavenworth, Kas.; I. Fort Sill, O. T. Indian company.

Capt. Chas. A. Booth, recruiting officer, Harrisburg, Pa., will visit the temporary branch rendezvous at Reading, Pa., Nov. 5, 10 and 16, on duty in connection with the recruiting service (S. O. 247, Nov. 4, R. Ser.)

The leave granted 1st Lieut. John L. Barbour is extended one month and ten days (S. O., Nov. 6, H. Q. A.)

The C. O. Fort Logan, Colo., will grant a furlough from Nov. 13, 1891, until Feb. 12, 1892, to 1st Sergt. Arthur M. McClain, Co. C (S. O. 123, Nov. 2, D. Platt.)

**8th Infantry, Colonel J. J. Van Horn.**

Hdqs., A. E. and H. Ft. McKinney, Wyo.; Cand D. Ft. Robinson, Neb.; F and I. Ft. Washita, Wyo.; B and G. Ft. Nebraska, Neb.—Indian company.

\*In the field near Pine Ridge.

The leave granted 1st Lieut. Colville P. Terrett is extended three months (S. O., Nov. 6, H. Q. A.)

A furlough for six months, with permission to leave the United States, will be granted Sergt. Sabine F. Randall, Troop E, Fort Meade, S. D. (S. O. 182, Nov. 2, D. Dak.)

**9th Infantry, Colonel Charles G. Bartlett.**

Hdqs., A. D. F. and G. Madison Bks., N. Y.; B. C. U. and P. Fort Huachuca, A. T.; E. Ft. Wingate, N. M.—Indian company.

Co. I is relieved from further duty at Whipple Bks., and will be marched by easy stages to Fort Huachuca, where it will take station with a view to transfer of its enlisted force to the 11th Inf. (S. O. 182, Oct. 30, D. Ariz.)

Leave for one month is granted 1st Lieut. T. S. McCaleb, adjt. (S. O. 66, Nov. 6, D. East.)

**10th Infantry, Colonel Edward P. Pearson.**

Hdqs., A and B. Ft. Stanton, N. M.; A and F. Ft. Leavenworth, Kas.; C. San Diego Bks., Cal.; D and H. Ft. Wingate, N. M.; G. Oklahoma, O. T.; I. Ft. Apache, Ariz.

1st Lieut. Charles J. T. Clarke is relieved from duty on recruiting service at Davis Island, N. Y. H., and will proceed to join his regiment (S. O. 245, Nov. 2, R. Ser.)

Capt. Clayton S. Burbank, recruiting officer, Washington, D. C., is relieved from duty on recruiting service, to take effect Nov. 16, and will join his regiment (S. O. 249, Nov. 6, R. Ser.)

The leave granted 2d Lieut. Wm. H. Wilhelm is extended one month (S. O., Nov. 11, H. Q. A.)

Major E. W. Whittemore, regimental commander, in an order of Oct. 20 announces the death of Col. Robert H. Olney at Fort Stanton, N. M., Oct. 14, at 7.25 P. M., recounts his distinguished services, and says: "The sincerest sympathy of the regiment is extended to his wife and family for the irreparable loss they have sustained. As a mark of respect to his memory, the officers of the regiment will wear the usual badge of mourning for a period of thirty days."

**12th Infantry, Colonel Edwin F. Townsend.**

Hdqs., E. and G. Ft. Leavenworth, Kas.; A. F. and Ft. Yates, N. B.; B. C. and H. Ft. Sully, S. D.; F. Mt. Vernon Bks., Ala.—Indian company.

Capt. Frederick A. Smith is relieved from duty on recruiting service at Columbus Bks., O., to take effect Nov. 17, and will join his regiment (S. O. 245, Nov. 2, R. Ser.)

2d Lieut. W. H. Gordon is relieved from duty as member and detailed as J. A. of the G. C. M. at Fort Leavenworth, Kas. (S. O. 112, Nov. 3, D. Mo.)

**13th Infantry, Colonel Montgomery Bryant.**

Hdqs., B. E. and H. Ft. Supply, I. T.; G. Ft. Reno, Okh. T.; A. C. and D. Ft. Sill, Okh. T.; F. Ft. Leavenworth, Kas.; I. Fort Supply, I. T.—Indian company.

Par. 17, S. O. 235, Oct. 9, 1891, H. Q. A., relating to 1st Lieut. Edmund L. Fletcher, is revoked, and he is granted leave for four months on account of disability (S. O., Nov. 6, H. Q. A.)

**15th Infantry, Colonel Robert E. A. Crofton.**

Hdqs., A. B. C. D. E. F. G. and H. Ft. Sheridan, Ill.

Leave for one month, with permission to apply for an extension of three months, is granted (Capt. Wilson T. Hartz, Fort Sheridan, Ill. (S. O. 113, Nov. 6, D. Mo.)

**16th Infantry, Colonel Matthew M. Blunt.**

Hdqs., A. B. C. D. E. F. G. H. and I. Ft. Douglas, Utah—Indian company.

Capt. Geo. H. Palmer will proceed from Harrison, Ill., to Davis Island, N. Y. H., to conduct to the Dept. Platte the detachment of recruits for the 8th Inf. (S. O. 244, Oct. 31, R. Ser.)

**18th Infantry, Colonel Henry M. Lazelle.**

Hdqs., A. B. C. D. E. F. G. and H. Ft. Clark, Tex.; E. Fort Ringgold, Tex.

Capt. Chas. B. Hinton, recruiting officer, Springfield, Mass., will visit the temporary branch rendezvous at North Adams, Mass., Nov. 7, 14, 21 and 28, on duty in connection with the recruiting service (S. O. 247, Nov. 4, R. Ser.)

The following transfers are made: Capt. Jas. H. Baldwin, from Co. E to I, and Wm. B. Wheeler, from Co. I to E (S. O., Nov. 7, H. Q. A.)

**20th Infantry, Colonel Elwell S. Otis.**

Hdqs., A. B. D. E. F. G. and H. Ft. Assiniboine, Mont.; C. and I. Camp Poplar River, Mont.—Indian company.

Two months and twenty days' ordinary leave is granted 2d Lieut. Walter L. Taylor, to take effect on the expiration of the extension of sick leave granted him (S. O., Nov. 10, H. Q. A.)

**21st Infantry, Colonel Joseph S. Conrzd.**

Hdqs., A. B. C. and E. Ft. Sidney, Neb.; D. Ft. Du Chesse, Utah; F. G. and H. Ft. Randall, S. D.

Capt. Chas. A. Williams is relieved from duty on recruiting service at Columbus Bks., O., to take effect Dec. 1, and will join his regiment (S. O. 245, Nov. 2, R. Ser.)

**22nd Infantry, Colonel Peter T. Swaine.**

Hdqs., A. B. C. D. E. F. G. and H. Ft. Keogh, Mont.; I. Ft. Yates, N. D.—Indian company.

1st Lieut. George H. Patten is, at his own request, relieved from duty in connection with the militia of North Dakota, to take effect Nov. 30, and will join his company (S. O., Nov. 7, H. Q. A.)

Leave for two months, from Nov. 30, is granted 1st Lieut. Geo. H. Patten (S. O., Nov. 7, H. Q. A.)

**24th Infantry, Colonel Zenas R. Bliss.**

Hdqs., A. D. E. and F. Ft. Bayard, N. M.; B. Ft. Thomas, A. T.; C. Ft. Bowie, A. T.; G and H, San Carlos, Ariz.

Capt. Wm. H. W. James, recruiting officer, Knoxville, Tenn., will visit the temporary branch rendezvous at Maryville, Tenn., Nov. 4, 10, 15, 23 and 29, on duty in connection with the recruiting service (S. O. 244, Oct. 31, R. Ser.)

**25th Infantry, Colonel George L. Andrews.**

Hdqs., F. G. and H. Ft. Missoula, Mont.; A and D, Ft. Custer, Mont.; B, C. and E, Ft. Buford.

*Appointments, etc., of Commissioned Officers and Retired Enlisted Men, U. S. A., recorded in the A.-G. O. during the week ending Nov. 7, 1891.*

**PROMOTIONS.**

1st Lieut. Charles B. Thompson, 5th Inf., to be asst. quartermaster with the rank of capt., Nov. 2, 1891, vice Marshall, promoted.

1st Lieut. Medad C. Martin, regt. adjt., 23d Inf., to be asst. quartermaster with the rank of capt., Nov. 2, 1891, vice Haysworth, retired from active service.

**PROMOTIONS AND ASSIGNMENTS.**

Lieut.-Col. Wm. H. Jordan, 19th Inf., to be col. of inf., Nov. 1, 1891, vice Smith (19th Inf.), retired from active service—to the 19th Inf.

Major Charles A. Wickett, 14th Inf., to be lieut.-col. of inf., Nov. 1, 1891, vice Jordan (19th Inf.), promoted—to the 19th Inf.

Capt. John W. French, 25th Inf., to be major of inf., Nov. 1, 1891, vice Wickett (14th Inf.), promoted—to the 14th Inf.

1st Lieut. Charles L. Hodges, 25th Inf., to be capt. of inf., Nov. 1, 1891, vice French (25th Inf.), promoted—to the 25th Inf.

2d Lieut. James T. Anderson, 18th Inf., to be 1st lieut. of inf., Nov. 1, 1891, vice Hodges (25th Inf.), promoted—to the 25th Inf.

To be assistant surgeon with the rank of captain, after five years' service, in accordance with the act of June 23, 1874.

Asst. Surg. Paul Clendenin, Nov. 5, 1891.

**TRANSFERS.**

1st Lieut. Walter M. Dickinson, from the 4th Cav. to the 17th Inf., Nov. 4, 1891, with 1st Lieut. John A. Lockwood.

1st Lieut. John A. Lockwood, from the 17th Inf. to the 4th Cav., Nov. 4, 1891, with 1st Lieut. Walter M. Dickinson.

1st Lieut. Charles McQuiston, from the 16th to the 1st Inf., Nov. 5, 1891, with 1st Lieut. Wm. N. Blom, Jr.

1st Lieut. Raymond B. Stevens, from the 20th to the 23d Inf., Nov. 5, 1891, with 1st Lieut. Frederick V. Krug.

1st Lieut. Frederick V. Krug, from the 23d to the 20th Inf., Nov. 5, 1891, with 1st Lieut. Raymond B. Stevens.

1st Lieut. Wm. N. Blom, Jr., from the 1st to the 16th Inf., Nov. 5, 1891, with 1st Lieut. Charles McQuiston.

**RETIREMENT.**

By operation of law, section 1, act of June 30, 1882.

Col. Charles H. Smith, 19th Inf., Nov. 1, 1891.

**CASUALTIES.**

Col. Robert H. Olney, 10th Inf., died Oct. 14, 1891, at Fort Stanton, New Mexico (instead of Santa Fe, New Mexico, as announced in list of Oct. 19, 1891.)

Corpl. Charles Johnston (retired), died Sept. 11, 1891, at Soldiers' Home, Washington, District of Columbia.

**Courts-martial.**

The following courts have been ordered:

At Fort Logan, Colo., Nov. 18. Detail: Capt. Charles A. Coolidge and Allan H. Jackson, 7th Inf.; Wm. L. Koesler, asst. surg., and Frederick M. H. Kendrick and John T. Van Orsdale, 7th Inf.; 1st Lieuts. Geo. S. Young, James A. Goodin and Charles H. Cochran, 7th Inf.; 2d Lieut. Wm. S. Graves, Odus C. Horney and John R. Bennett, 7th Inf., and 1st Lieut. Maury Nichols, 7th Inf., J.-A. (S. O. 124, Nov. 6, D. Platte.)

At Willets Point, N. Y. H., Nov. 11. Detail: Capt. Clinton B. Sears, C. E., and Henry S. Kilbourne, asst. surg.; 2d Lieut. Eben E. Winslow, Albert M. D'Arret and Chester Harding, and Adtl. 2d Lieuts. Chas. Keller, Herbert Deakne, Chas. S. Bromwell, Spencer Cosby, John S. Sewell, Charles P. Echols, James F. McIndoe and Jay J. Morrow, C. E., and 1st Lieut. Francis R. Shunk, C. E., J.-A. (S. O., Nov. 9, H. Q. A.)

**Examining Board.**

A Board of Officers is appointed to meet, at the call of the president thereof, at the War Department, Washington, D. C., for the examination of officers for promotion. Detail: Lieut.-Col. John B. Farke, 2d Inf.; Major Robert H. White and Joseph E. Corson, surgeons, and John C. Gilmore, A. A. G.; Capt. James Chester, 2d Art., and 2d Lieut. Michael J. Lenthian, 20th Inf., recorder (S. O., Nov. 5, H. Q. A.)

**Retirements of Enlisted Men.**

The following-named enlisted men, now at the stations designated, are placed upon the retired list and will repair to their homes: Ord. Sergt. John Kennedy, Jackson Bks., La.; Pvt. Christian F. Dittmar, Bat. C, 1st Art., Fort Wadsworth, N. Y.; Sergt. Louis D. Miller, mounted scave, Jefferson Bks., Mo.; Corpl. Antone Ober, Bat. L, 1st Art., Fort Wadsworth, N. Y.; Farrier Joseph Zwiler, Troop H, 2d Cav., Fort Wingate, N. M. (S. O., Nov. 5, H. Q. A.)

**GENERAL COURTS-MARTIAL OF OFFICERS.**

Before a G. C. M. at Fort Grant, A. T., of which Colonel Zenas R. Bliss, 24th Infantry, was president, was tried: Capt. Thomas O. Lebo, 10th Cav. Charge—"Conduct to the prejudice," etc., the specification alleging that Capt. Lebo did strike with his sabre, Private Henry Johnson, Troop K, 10th Cav., while in ranks at the regular Saturday afternoon inspection of his (Lebo's) troop, at Fort Grant, Sept. 26. Plea: To the specification, "Guilty." To the charge, "Not Guilty." Finding: Of the specification "Guilty," of the facts as alleged, but attach no criminality thereto. Of the charge, "Not Guilty." And the court does therefore acquit him." The reviewing authority, Gen. McCook, says: The proceedings are approved. The court in confirming the plea of the accused and finding him guilty of the facts as stated in the specification, but attaching no criminality thereto, has evidently held that the blows given were not intended as a punishment of the soldier for failure to promptly obey the orders of his superior. In this conclusion the department commander cannot concur. This evidence shows that they were given after repeated commands which the accused believed the soldier did not try to obey. A blow given a man for failure to obey is in the nature of a punishment, and the greater or less severity of the blow makes it none the less illegal and an offence. The use of force against an enlisted man is only necessary, as in mutiny; self defence; to secure or restrain a prisoner, etc., and it is not justifiable when intended as a punishment. The finding and acquittal are therefore disapproved. Capt. Lebo will be restored to duty. (G. C. M. O. 23, D. Ariz., 1891.)

2,351,683 persons visited the British Naval Exposition which closed Oct. 23.

**DEPARTMENT NEWS.**

**Dept. of the East.—Major-General Howard.**

The work of sounding all the channels and thoroughfares between Cape May and Atlantic City is finished. The object in making these soundings is to establish an inland coast defence on plans proposed by a naval commission, which last spring reported to the Secretary of the Navy a general line of coast defence for the Atlantic seaboard.

The general design is to have a ship canal from Cape Cod, through Massachusetts and Rhode Island, opening into Long Island Sound; then through the Sound war vessels of heavier draught than the torpedo boats can come from Boston to New York and enter the Delaware and Raritan Canal at Raritan Bay, pass through the canal and enter the Delaware River below Trenton; pass down the Delaware and through the Delaware and Chesapeake Canal to Chesapeake Bay.

In the Southern States the course will be so mapped out as to take in Albemarle and other Sounds in the Carolinas and Georgia.

(Correspondence of the New York Times.)

**UNDER THE NEW TACTICS.**

ANNAPOLIS, MD., Nov. 7, 1891.

The United States Naval Academy Battalion was given its final drill to-day in the new infantry tactics for the Navy.

The new drill has been in operation since Sept. 1. It was first taken up by the 4th Class men and gradually expanded into the workings of the whole battalion. To say that it has proved a success puts it mildly. Its every feature is indicative of simplicity and mobility. This is characteristic of both the marching and the manual. Less memory is required than formerly, and a mass of useless appendages in the form of markers and guides has been gotten rid of.

The battalion assembled for formation at 10 A. M. Four companies, numbering 240 cadets, were aligned. At the very outset the features of the new drill tactics were made manifest. The companies assembled by sections, each company containing two sections. In the right section the cadets fell in according to size, from right to left; in the left section the graduation was from left to right, the tallest man on the left. On falling in, the cadets faced square to the front, and with arms at an "order." The companies dressed with arms at an "order," the greatest rapidity being shown in taking the alignment. Again, after aligning their commands, the company officers, instead of going to the front and centre, went by the shortest way to their proper positions.

One of the first movements executed by the battalion this morning was in forming for street fighting. Captain Phythian, previous to the drill, had taken occasion to state to the Times's representative that he considered the street riot formation one of most effective features of the drill. He deemed the execution of the movement by the battalion as very satisfactory. To-day's work showed that Captain Phythian was justified in his statement. Lieutenant Fullam threw the battalion into columns of square, each company forming a square, then opened up a little later into column of companies. When the leading company approached an imaginary side street, running at right angle to the line of march, the first company executed "sections right and left turn."

As each section made its turn the rear rank obliqued on the flank, then came up on the line of the first rank, all pieces being brought down to a charge bayonets. The movement was executed in a flash, and in an instant after the order was given a solid wall of steel was protecting the battalion flank, each flank section in the meantime firing volleys down the side street. As soon as the rear company had passed the street, each of the flank sections executed the march by the right and left flanks, then columned right and left, the front rank of the two sections obliquing and uniting in front of the rear rank. Four times the battalion executed this movement, bringing the previous leading company back in its original position. In this manoeuvre, as in others, the greatest rapidity of movement was observed.

In continuation of the street fighting work the battalion, while marching in column of companies, had its intervals between companies, and in prolongation of the flanks, protected by flankers. These flankers were Nos. 2 and 4 in each set of four in the rear rank. While marching, the flankers fired at imaginary house-tops, the fire of each flanker being directed to that side of the street furthest away from him. The flankers resumed their places in line at the "double," "getting there" in the quickest possible manner.

From the street fighting work the battalion passed into the battle formation. The principles employed are thoroughly German.

The new drill has the great advantage of developing individual fighting factors. It further assures better control over a long and extended line. Each man looks to his squad leader. Each squad leader looks to his section leader, and so on.

A few changes have suggested themselves since the drill was put in actual practice. But they were changes more in phraseology than in principle. There will be no change in the School of the Battalion. In the School of the Company no change has been suggested except the possibility of changing from columns of fours to columns of twos. In the manual of arms a change will doubtless be asked making mandatory to take up the trail when moving forward in the march from an "Order arms" as it is, the shoulder arms may now be taken up.

(Correspondence of the Army and Navy Journal.)

**PLATTSBURGH BARRACKS.**

The flagstaff at Plattsburgh Barracks, N. Y., having been destroyed by a high wind, a handsome and tall new staff has just been erected. At about 11 o'clock A. M. on Tuesday the inhabitants of the historical town adjoining the barracks were startled by the loud report caused by a volley from a platoon of artillery fired as a salute to the most beautiful flag in the world as it was hoisted for the first time to the top of its new staff, announcing to the "American boy" that "the flag is still there."

This post is now garrisoned by Co. H, of the 6th U. S. Infantry. A battalion of this regiment was engaged in the battle fought here, ending in the great American victory, September, 1814.



## ORDNANCE WORK FOR THE ARMY.

BRIG.-GEN. D. W. FLAGLER in his first annual report as Chief of Ordnance, shows very gratifying progress in the work of gun construction during the past year.

Thus far the Department has completed two 8-inch, one 10-inch, and one 12-inch B. L. steel rifled gun of high power. The first 8-inch gun, made at the West Point Foundry in 1890, has been fired 300 rounds, and, except the usual erosion of the bore, is in good condition. A second 8-inch gun completed at the gun factory in 1890, and the first piece of that calibre produced in this country entirely of American steel, has been fired more than 100 rounds without injury, and with entire satisfaction as respects the working of the breech mechanism. Some very interesting firings have recently been made with this gun in testing a sample of smokeless powder procured from the Rothwell-Cologne Works, Germany. The results are significant; they show a remarkable advance on the best results thus far obtained with brown powder of American manufacture, as appears from the following extract from the firing records of the 8-in. and 10-in. guns, viz:

Calibre.	Weight of charge.	Weight of shot.	Velocity 155 feet from muzzle.	Pressure.	Energy.
Pounds.	Pounds.	Pounds.	Pounds.	Pounds.	Pounds.
8-inch.....	125	300	1,964	36,450	8,082
8-inch.....	45	300	1,990	30,105	8,273
8-inch.....	250	300	2,162	38,174	9,720
10-inch.....	225	571	1,783	31,215	
10-inch.....	225	571	1,944	37,287	
10-inch.....	165	571	1,782	23,370	
10-inch.....	180	571	1,990	34,880	

\*Brown. †German. ‡Smokeless. §German, brown. ¶German, smokeless.

This smokeless powder is understood to have a nitro cotton base, and is of the Nobel type. Its properties and mode of manufacture are described in the appendix to this report.

The subject of smokeless powders is receiving the attention of the Department and of manufacturers in this country. Experiments will soon be extended to sea-coast guns. A sample of French smokeless powder when tested in the 32-centimetre (12.6-inch) Canon gun at the Polygon of Hoc during the past year, with a charge of 317 pounds and a projectile of 993 pounds, gave a velocity of 2,386 feet and a pressure of 16½ tons. A charge of brown powder of 562 pounds and a projectile of 994 pounds gave a velocity of 2,354 foot seconds and a pressure of 17½ tons.

Experiments with powders are still in progress, and it is expected a suitable sample will soon be obtained. The 10-inch B. L. rifle has been fired thus far about 50 rounds.

The proposed charge for this gun is 250 pounds, shot 575 pounds, velocity 1,950 ft. seconds, and pressure 37,000 pounds; the length of bore is 32 calibres. These 10 and 12 in. type guns will be placed under systematic trial for endurance, accuracy, rapidity of fire, etc., as soon as suitable powders are obtained. Generally speaking, the working of these large guns has proved to be very satisfactory.

A suitable laboratory and experts for conducting experiments and making improvements in explosives is needed, including the means of making the necessary investigations for arriving at formula for these samples and a small powder factory for manufacturing them.

A type 12 in. B. L. mortar, entirely of steel, has been completed during the past year at the gun factory, and is now at the proving ground awaiting test. These steel mortars will have considerably more power and endurance than the cast iron mortars, with a greater margin of safety against accident.

The manufacture, by contract, of forgings for sea-coast cannon at the Bethlehem Iron Works, and for field and siege cannon and sea-coast mortars at the Midvale Steel Works has progressed satisfactorily during the past year. The quality of the steel produced, as shown by the tests, has been excellent, the contract specifications having been met with no more care than should be given to this class of work.

The Midvale Steel Co. will now make adequate enlargement of its plant to produce the forgings required for the sea-coast guns of 8, 10 and 12 in. cal. under the contract awarded them by the Department last July.

An appropriation is asked for further enlarging the facilities for the manufacture of carriages at the Watertown Arsenal.

The large sums of money expended during twenty years by foreign governments has not yet produced a satisfactory disappearing carriage, and work upon carriages in this country is some years behind that on the guns.

The type 5 in. B. L. rifle and 7 in. B. L. howitzer have passed satisfactorily the legal tests, and ten more pieces of each kind should be completed during the coming year. A sufficient number of carriages for the 5 in. gun will now be made at the Watertown Arsenal. An experimental carriage for the 7 in. howitzer has been sent to the proving ground.

One hundred 3.2 in. steel field guns have been completed, and 25 more are under manufacture at the gun factory.

The test of the type 3.6 in. heavy field steel guns is satisfactory. 16 more 3.6 in. field mortars are now under manufacture.

A satisfactory shrapnel for the field service, with a base charge, has been designed and tested, and a contract for a supply has been placed with the Thomson Electric Manufacturing Co. of Lynn, Mass.

The Department has procured a type of spheroidal powder that gives satisfactory results with all the field pieces. The charge for the 3.2 inch guns with the new type of powder will be 3½ lbs., and for the 3.6-inch guns about 4½ lbs. The results indicate that with the smokeless powder of this type the charge may be reduced at least one-half.

Among the principal estimates submitted by the Department for an action of Congress at its next session are the following:

Equipment of the south wing of the Army Gun Factory, \$328,000; steel for 8, 10, 12 in. guns, and the type 16 in. gun, \$1,122,000; steel B. L. rifled sea-coast mortars of 12 in. calibre, \$725,000; carriages for B. L. rifled mortars of 12 in. calibre, \$449,500; carriages for 8, 10 and 12 in. guns, \$1,805,000; heavy gun-carriage plant, Watertown Arsenal, \$151,000.

Concerning the subject of magazine small arms, the report says:

It is important to state that up to the present time the investigations made and knowledge gained by this Department have not demonstrated so much excellence in the magazine arms which have been adopted by foreign nations as was expected, and have not shown such perfection in any one of them as could warrant its adoption for our Service. It is hoped that this country can produce a better arm, and until it can, or certainly until it has been demonstrated that it can not, it would be wise to defer a change from the excellent single-loader now in service to a magazine system. No efforts will be spared to arrive at a satisfactory magazine arm. The advantages of a reduction of calibre and of a change to smokeless powder for the cartridge are well established, though in regard to the latter much has yet to be determined in regard to the ability of this country to supply a suitable powder in suitable quantities, and of the ability of such powders to stand long storage and exposure to low temperatures without too great deterioration of their ballistic qualities.

The success that has been arrived at in the manufacture of the calibre .30 cartridge at the Frankford Arsenal and the excellent results obtained with the new calibre .30 Springfield single-loader lead the Department to believe that if the adoption of a magazine arm is deferred the Department may at an early date commence to furnish to the Army reduced calibre arms and ammunition charged with a satisfactory smokeless powder. The Department is earnestly urging on the experiments and other work for arriving at a solution of this question, and as soon as a satisfactory powder can be obtained the question of the immediate adoption of the reduced calibre arm will be submitted to a board.

In the proposed improvements in small arms and small arm ammunition probably nothing may be anticipated to cause more delay and require more urgent effort to overcome than the difficulty of procuring in this country sufficient quantities of suitable smokeless powders. The Department is doing all in its power to induce and aid inventors and manufacturers to perfect these powders.

In view of the impending change in the rifle and probable adoption of smokeless powder for small arm ammunition, it is not deemed expedient to make an immediate change in the service revolver. It is deemed best to await the outcome of the present state of affairs in order to secure the best ballistic effects in the revolver as well as the rifle and have a uniform system of small arms in such requirements as are common to all three arms—the rifle, the carbine, and the revolver.

## MORE DOCTORS FOR THE ARMY.

In view of the large number of vacancies, eleven in all, still existing in the Medical Corps of the Army, it is not impossible that the Medical Board for examination of candidates will be reconvened during the winter instead of waiting for the usual spring examinations.

The recent examination of candidates for appointment has resulted in the addition of five bright young officers to the corps. Twenty-five aspirants were authorized to appear, and notwithstanding that the majority of them had good medical training only five were successful in passing the prescribed examination, which is sufficiently rigid to warrant the assumption that those who passed will be valuable acquisitions to the corps. These new assistant surgeons are: Henry Clay Fisher of Washington, D. C. He was born in Montgomery County, Md., May 20, 1867, graduated from the Washington High School and Georgetown University; had medical experience in Bellevue Hospital, N. Y., and practice in operative surgery under Prof. J. B. Hamilton. He resides in Washington and is unmarried. Henry Alden Shaw, born in New Salem, Mass. June 3, 1867; single; graduate of Tufts College, Boston; was house surgeon Massachusetts General Hospital, also in the Dispensary of R. I. Samuel Robert Dunlop, born in New York City June 12, 1868; single; graduated from college, City of New York, also of College of Physicians and Surgery, N. Y., and also in Charity and Maternity Hospital, Blackwell's Island; also Roosevelt Hospital and Dispensary, New York City, and of surgical division of Charity Hospital, New York City. Charles F. Kieffer was born in Philadelphia, Pa., Dec. 22, 1869; single; graduate of La Salle, of Philadelphia; also of Jefferson Medical College of Philadelphia; on duty in Marine, Philadelphia and Jefferson hospitals of Philadelphia. Frank Tryon Merriweather, born April 21, 1865, at Louisville, Ky.; married; graduate of Louisville High School; also of medicine from University of Louisville, Ky.; assistant surgeon in the Mission Hospital, Asheville, N. C.

## REPORT OF THE J. ADVOCATE GENERAL.

THE Acting Judge Advocate General in his report for the year ending September 30, 1890, gives the following statistics:

Commissioned Officers tried by general court martial, convicted 18, acquitted 2, 18; Cadets of the Military Academy, 3; enlisted men tried, 1878; military convicts (convicted, 7; acquitted 1), 8; total tried by general court martial, 1,907.

Trials by general court martial for the last twelve years:

1880.....	1,543	1886.....	1,983
1881.....	1,792	1887.....	1,640
1882.....	1,850	1888.....	1,730
1883.....	1,985	1889.....	1,909
1884.....	2,280	1890.....	1,782
1885.....	2,328	1891.....	1,907

Showing an increase this year as compared with last year of 125, the average for the twelve years being 1,901.

Number of convictions of various offences:

Absence without leave, 412; allowing prisoner to escape, 8; assaults, 150; attempt at suicide, 1; breach of arrest, 38; burglary, 2; conspiracy, 3; desertion, 393; disobedience of orders, 293; disrespect to superior officer, 56; drunkenness, 201; drunkenness on duty, 205; embezzlement, etc., 39; escaping from guard or arrest, 25; failure to attend drill, roll call, etc., 215; forgery, 4; indecent exposure of person, 3; larceny, 76; malfeasance, 2; mayhem, 1; neglect of duty, 75; perjury, 1; quitting guard or post as sentinel, 64; resisting arrest, 65; selling or losing clothing, 74; selling, losing or wasting Government property, 47; sleeping on post, 38; conduct unbecoming, 10; disorders, etc., 524; miscellaneous offences, 10.

Mr. ROBERT LAUTERBOURG estimates that 600,000 effective horse power can easily be obtained from water power in Switzerland for electric lighting or electric power transmission. The total horse power used in the United States for electric lighting is estimated at 459,575. The tramways of Honolulu are about adopting electric traction.

## THE NAVY.

BENJAMIN F. TRACY, Secretary of the Navy  
JAMES R. SOLEY, Assistant Secretary of the Navy.

## NAVAL VESSELS IN COMMISSION.

WHEN AND WHERE LAST HEARD FROM.

**N. Atl. Station.—R.-Adml. Bancroft Gherardt**  
CONCORD, 3d rate, 6 guns. Commander O. A. Bacheiler. At New York. Expects to be ready for sea Nov. 16. Will sail for the West Indies.

**PHILADELPHIA**, 1st rate, 12 guns flagship, Capt. Frederick Rodgers. Sailed from New York for West Indies Nov. 4, and arrived at St. Thomas Nov. 9.

**KEARSARGE**, 3d rate, 7 guns, Comdr. H. Elmer. Sailed from New York for West Indies Nov. 3, and arrived at St. Thomas Nov. 11.

**Squadron of Evolution.—Acting Rear Admiral John G. Walker.**

**ATLANTA**, 2d rate, 8 guns, Capt. John W. Philip. At New York Navy-yard. Repairs are being expedited, and it is reported she will be ready for sea by Nov. 18.

**BENNINGTON**, 3d rate, 6 guns, Commander R. B. Bradford. At the Brooklyn Navy-yard, where she is waiting the fitting out of her steam cutter. Will be ready for sea about Nov. 18. Will probably sail for St. Thomas.

**CHICAGO**, flagship, 1st rate, 14 guns, Capt. J. N. Miller. At New York Navy-yard undergoing repairs.

**NEWARK**, 1st rate, 12 guns, Capt. Silas Casey. At Boston Navy-yard. Will be fitted out for service as flagship of the South Atlantic Station, and it is hoped to have her ready for sea not later than Dec. 1.

**VESUVIUS**, 4th rate, 8 guns, dynamite cruiser, Lt. Seaton Schroeder, comdg. At Washington Navy-yard Oct. 29, where she will be used as despatch vessel until Dolphin is ready.

**S. Atl. Sta'n.—Comdr. J. M. Forsyth temporarily in command. Rear Admiral A. S. K. Benham ordered to hold himself in readiness to command.**

Mails for vessels on this station should be addressed to the care of the U. S. Consul, Rio de Janeiro, Brazil, or care of B. F. Stevens, 4 Trafalgar Square, London, unless otherwise noted.

**TALLAPOOSA**, 3d rate, 6 guns, Comdr. James M. Forsyth. At Buenos Ayres at last accounts. To be sold at public auction, and such of her stores as are useful will be transferred to the Essex and the Yantic upon their arrival.

**ESSEX**, 3d rate, 6 guns, Comdr. A. S. Snow. At Montevideo Sept. 30.

**YANTIC**, 3d rate, 4 guns. Lieut.-Comdr. Samuel Belden. Left Norfolk, Nov. 1, en route to South Atlantic to relieve the Tallapoosa. Will stop en route at the Cape de Verde.

**Pacific Station.—Actg. Rear Adml. Geo. Brown.**

Address all mail to Navy Pay Office, San Francisco, Cal. unless otherwise noted.

**BALTIMORE**, 1st rate, 10 guns, Captain W. S. Schley. At Valparaiso, Chili, Oct. 26, where she will be likely to remain until the arrival of the Yorktown, when she will be ordered to San Francisco to have her bottom cleaned. A cablegram from Capt. Schley of Nov. 8 states that there are no indications of hostility against the Baltimore in Valparaiso.

**BOSTON**, 3d rate, 8 guns, Captain G. O. Wiltse. Sailed from New York Oct. 24 for Valparaiso. Arrived at St. Lucia Nov. 3.

**IBOQUOIS**, 3d rate, 7 guns. Comdr. J. J. Read. Arrived at Apia, Samoa, at last accounts.

**MOHICAN**, 3d rate, 10 guns, Commander O. S. Cotton. Arrived at San Francisco from Bering Sea Oct. 27. Now fitting out for cruise.

**PENSAOLA**, 2d rate, 16 guns, flagship, Captain Albert Kauz. Arrived at Honolulu Sept. 25.

**SAN FRANCISCO**, 1st rate, 12 guns, flagship, Capt. Wm. T. Sampson. Arrived at Acapulco Nov. 9 and left Nov. 10 for San Francisco to have her bottom cleaned and painted. Will return to Chili as soon as this is done.

**YORKTOWN**, 3d rate, 6 guns. Commander R. D. Evans. Arrived at Montevideo Nov. 10.

**Asiatic Station.—Rear Admiral G. E. Belknap.**

Mails should be addressed, Yokohama, Japan, unless otherwise noted.

Rear Admiral D. B. Harmony ordered to command.

**ALERT**, 3d rate, 4 guns, Comdr. R. D. Hitchcock. Arrived at Shanghai Oct. 17.

**ALLIANCE**, 3d rate, 6 guns, Commander Felix McCurley. At Shanghai at last accounts.

**LANCASTER**, 2d rate, 10 guns, flagship, Capt. H. B. Seely. En route for Asiatic Station. Sailed from Funchal, Madeira, and arrived at Cape Town, Oct. 10. Will proceed to Singapore. Mail should be addressed care B. F. Stevens, 4 Trafalgar square, London, Eng., until further notice.

**CHARLESTON**, flagship, 2d rate, 10 guns, Capt. G. C. Remy. Arrived at Wosung Oct. 24.

**MONOCACY**, Comdr. F. M. Barber, 3d rate 6 guns. Came out of dock two weeks ago. Arrived at Shanghai Oct. 17.

**MARION**, 3d rate, 8 guns. Comdr. J. R. Bartlett. Arrived at Yokohama Nov. 1.

**PALOS**, 4th rate, 7 howitzers. Lieut. Comdr. Joseph Marthon. Arrived at Shanghai Sept. 8.

**PETREL**, 4th rate, 4 guns. Lieut.-Comdr. M. R. S. Mackenzie. Sailed from New York for service on Asiatic Station Nov. 3 via Brazil.

## Apprentice Training Squadron.

**JAMESTOWN**, 12 guns, Comdr. C. F. Goodrich. Arrived at Newport, R. I., Nov. 9.

**PORTSMOUTH**, 12 guns, Comdr. C. D. Sigbee. Arrived at Newport, R. I., from summer cruise, Oct. 21.

**RICHMOND**, 2d rate, 14 guns. Capt. F. M. Bunce. At Newport, R. I. (Receiving ship for boys).



MINNESOTA, 19 guns. Receiving ship for boys. Capt. E. E. Potter. At dock foot of West 50th street, N. Y. City.

MONONGAHELA, Comdr. J. H. Sands. Arrived at Monte Carlo Nov. 12. Will return to U. S. next May.

**On Special Service.**

**AND AWAITING ASSIGNMENT.**

ENTERPRISE, 3d rate, 6 guns, Commander Colby M. Chester, commanding, in addition to his other duties. Cadet practice and training ship at Annapolis.

FERN, fourth rate despatch vessel, Lieut. Comdr. A. J. Iverson. At Norfolk, Va., being repaired.

MICHIGAN, 4th rate, 4 guns, (2 howitzers and 2 galleons). Commander Geo. H. Wadleigh. In winter quarters at Erie, Pa.

NEW HAMPSHIRE, 8 howitzers, Receiving Ship for boys. At New London, Ct.

PINTA, 4th rate, 4 howitzers. Lieut.-Comdr. O. W. Farenholt. Lieut.-Comdr. Washburn Maynard ordered on Sept. 13 to command the *Pinta*, at Sitka, Alaska, at last accounts.

SARATOGA, Comdr. F. M. Green, nautical school-ship of Pennsylvania. At Philadelphia, Pa.

ST. MARY'S, sails, 8 guns, Comdr. John McGowan, Jr. Public Marine School, New York.

THETIS, 3d rate, 3 machine guns. Commander George C. Reiter. Returned to San Francisco from Bering Sea, Oct. 21.

MIANTONOMOH, monitor, 3d rate. Capt. Montgomery Sicard, comdg. At the Navy-yard, N. Y.

**Receiving Ships, Iron-Clads, Etc.**

DALE, Comdr. Wm. Bainbridge-Hoff. Receiving Ship. Navy-yard, Washington, D. C.

FRANKLIN, 80 guns, Capt. John F. McGlensey. Receiving ship. Navy-yard, Norfolk, Va.

INDEPENDENCE, 7 howitzers. Captain Byron Wilson. Receiving ship. Navy-yard, Mare Island, Cal.

PHLOX, Naval Academy Tug. Mate B. G. Perry in command. Annapolis, Md.

ST. LOUIS, sails, Captain E. C. Merriman, Receiving ship. Navy-yard, League Island, Pa. Commander C. H. Rockwell ordered to command.

VERMONT, 1 gun. Capt. L. A. Beardslee. Receiving ship. Navy-yard, New York.

WABASH, 20 guns, Receiving Ship, Navy-yard, Boston, Mass. Capt. James O'Kane.

The armor-clads *Ajax*, *Catakill*, *Canonicus*, *Lehigh*, *Manhasset* and *Wyandotte*, in command of Comdr. J. D. Graham, are laid up near Richmond, Va. P. O. address, Richmond, Va.

**VARIOUS NAVAL ITEMS.**

THERE is an annual waste by shipwreck and otherwise of 400,000 tons of British shipping.

THE long voyage of the *Yorktown* to Chili will give an opportunity for the economy of the triple expansion engine.

THE new type British torpedo ship *Fulcan* is not a success. Too little space and weight have been allowed for machinery, which is flimsy, and is unable to bear any severe strain. She has been again put into dock.

IT has been decided to supply the new first-class cruisers of the *Edgar*, none of which are yet completed, with torpedo net defenses. Hitherto these defenses have, with the exception of the *Northampton* and *Shannon*, only been fitted to battleships.

WHEN the repairs on the *Dolphin* are finished she will take the place left vacant by the *Despatch*. Meantime the *Vesuvius* will be used when a despatch boat is needed. The *Dolphin* will have a new complement of officers and men, and will be attached to the North Atlantic Station.

KING MALIBETOA, of Spain, was presented with the wrecks of our vessels left in his dominions. A San Francisco Co. undertook to recover what was of value, carry it to San Francisco and sell it there on "joint account." But the inexorable collector of customs charges duty on the wreckage and thus destroys the value of King Malibetoa's gift. Mighty shrewd is the Yankee.

MR. BLACK, a labor member of the Australian Legislative Assembly, made a sensation by describing the treatment of the stokers on the *Mildura* of the Australian Squadron as "scandalous and cruel in the extreme." The stokehold, he said, was "simply hell," and the men had to be kept below by men armed with loaded rifles. He describes one of her officers as saying: "Had things gone much further I should have been justified as a man in heading a mutiny." "Hell under hatches is the only term to describe the *Mildura* stokehold."

A LETTER from Ensign Benjamin W. Wells, Jr., U. S. N., one of the officers of the *Baltimore*, received by his father at Chicago Nov. 6, contradicts the assertions of the officers of H. M. S. *Champion*, who, according to despatches received from Victoria, B. C., declare that when the landing took place the *Champion* was lying alongside the *Baltimore* at Valparaiso, and that the *Baltimore* steamed around the point to Quintero, watch the debarkation of the Congressmen, and then returned to the Government wharf at Valparaiso and reported the information gained to the Balmacedista. The letter describes the exciting scenes attending the fall of Valparaiso, and says: "We will not be in good favor here, that may be taken for granted. After capturing the *Itata* and cutting the cable at Iquique, our chances for bare politeness are slim. There is no doubt about it, the Government was frightfully beaten. All the doctors we can spare are ashore working in the hospitals. One that we sent ashore yesterday went up to the battlefield and worked over the wounded there. Fifteen hundred were brought in last night." It was after this letter had been mailed telling of the work of the *Baltimore*'s surgeons for the wounded Chileans that a part of the *Baltimore*'s crew were maltreated in the streets of Valparaiso. Mr. Wells was the officer in charge of the boats that landed a detachment of American bluejackets and marines to protect the United States consulate during the disorder following the insurgent victory.

H. M. S. *Sultan* is to be repaired at a cost of \$600,000.

THE *Concord* has been ordered to sail on Monday next to join the *Philadelphia* and *Kearsage* at St. Thomas.

A *Herald* correspondent who has been sounding the leading candidates for the Speakership of the next House, finds Mr. Mills too optimistic on the subject of arbitration to believe in more warships. Mr. McMillan, Tennessee's candidate for Speaker, looks with favor on the improvement and increase of our Navy and the perfecting of our coast defenses. He thinks the policy of the 65th Congress will be to continue the improvement. It was found that the necessities of the Navy did not occupy so much attention as the subject of tariff reform.

THE building of two new steamers by the Providence and Stonington Steamship Company, to run on their Stonington Line, is an event of much interest not only to the traveling public, but to all who are in any way concerned with marine architecture. The first of these vessels, the *Matine*, was launched at Harlan and Hollingsworth yard at Wilmington, Del., on Oct. 31, and the second, the *New Hampshire*, will be launched in about three weeks. The design of these steamers, though modeled somewhat on the plan of the new propellers now running on the Potomac River, is largely the work of Mr. J. W. Miller, late of the Navy, the President of the Providence and Stonington Steamship Company, and they have been built under the immediate supervision of Mr. S. J. Clarke, the superintendent of the company. These fine vessels will be finished next May, and will take their places on the Stonington Line at the opening of the next summer season.

**U. S. NAVY REGULATION CIRCULAR NO. 90.**

NAVY DEPARTMENT, WASHINGTON, Nov. 6, 1891.

Paragraph 34, page 39, of the Navy Regulations (Instructions for Officers Commanding Vessels) is amended to read as follows:

He shall not permit any inflammable liquid or explosive oil to be placed on board, except such as are permitted by the allowance books.

Spirits of turpentine, alcohol, all varnishes, and liquid driers must be kept in metallic tanks or vessels securely stowed on the spar deck, and they are never to be taken below, except in small quantities for immediate use.

R. F. TRACY, Secretary of the Navy.

**NAVY GAZETTE.**

**Ordered.**

Nov. 6.—Lieut.-Commander O. W. Farenholt, to duty in the Equipment Department, Navy-yard, Boston.

P. A. Engineer C. W. Rae, to temporary duty in the Bureau of Steam Engineering.

Nov. 9.—Commander C. F. Goodrich, to command the training-ship *Jamestown*.

Nov. 10.—Lieutenant C. H. Lyman, to the *Thetis*, Lieutenant F. S. Carter, to the *Miantonomoh*.

**Detached.**

Nov. 6.—Assistant Engineer C. A. Carr, from duty in the Bureau of Steam Engineering and ordered to duty at the Quindart Iron Works, New York, as assistant to the inspector of machinery building for Cruiser No. 11.

Assistant Naval Constructor Lloyd Bankson, from duty at the shipyard of Messrs. Cramp and Sons and ordered to the Dubuque Iron Works, Iowa, to assume duties of construction of torpedo-boat No. 2 at those works.

Nov. 7.—Lieutenant J. D. J. Kelly, as steel inspector at the Union Iron Works, Pittsburg, and placed on waiting orders.

Chief Engineer Edward Farmer, from the Chicago and ordered to the Navy-yard, Portsmouth, N. H., Dec. 15.

Chief Engineer A. S. Greene, from duty at the Navy-yard, League Island, and ordered to the Chicago.

Chief Engineer Joseph Trille, from the Navy-yard, Portsmouth, N. H., and ordered to duty at the Union Iron Works, San Francisco, Cal.

Nov. 8.—Commander B. F. Lamberton, from command of the training-ship *Jamestown* and granted two months' leave.

Lieutenant W. S. Cowles, from the command of the *Despatch* and granted leave for three months.

Lieutenant York Noel, P. A. Surgeon J. D. Gatewood and P. A. Engineer J. S. Oden, from the *Despatch* and granted two months' leave.

Lieutenant R. T. Mulligan, from the *Despatch* and granted leave for one month.

Assistant Paymaster S. L. Heap, from the *Despatch*, ordered to settle accounts, then granted leave for one month.

Nov. 10.—Chief Engineer Louis J. Allen, from duty at the Erie Boiler Works, Buffalo, N. Y., and ordered to the Chicago on Nov. 15.

Chief Engineer H. H. Chne, from the receiving ship *Franklin* and ordered to the Atlanta.

Chief Engineer W. H. Harris, from the Atlanta and ordered to the receiving ship *Wabash*.

P. A. Engineer C. W. Rae, from duty in the Bureau of Steam Engineering and ordered to the Atlanta.

P. A. Engr. Geo. E. Burd, from the Atlanta and granted two months' leave.

Nov. 11.—Lieut. Alexander McCrackin, from duty in the Bureau of Ordnance and ordered to the *Miantonomoh* Nov. 18.

Ensign H. E. Parmenter, from the *Mohican* and ordered to the *Thetis*.

Chief Engineer W. A. Windsor, from special duty connected with the *Dolphin* and ordered as inspector of machinery building at the Iowa Iron Works for torpedo boat No. 2.

Nov. 12.—No orders.

**Revoked.**

The orders of Chief Engineer A. S. Greene, detaching him from the Navy-yard, League Island, and ordering him to the Chicago.

**MARINE CORPS.**

OCT. 31.—Major P. C. Pope, granted leave for three months from Nov. 10, with permission to leave the U. S.

Nov. 10.—1st Lieutenant Otway C. Berryman, de-

tached from the Marine Barracks, Mare Island, Cal., and ordered to command the marine guard of the U. S. S. *Mohican*, relieving 1st Lieutenant Lincoln Karmany.

1st Lieutenant Lincoln Karmany, detached from the command of the marine guard of the U. S. S. *Mohican* upon being relieved by 1st Lieutenant Otway C. Berryman, and ordered to duty at the Marine Barracks, Mare Island, Cal.

**FINDINGS OF THE DESPATCH COURT.**

THE Court of Inquiry in the case of the loss of the U. S. S. *Despatch* found that the ship was set to the westward after leaving the position shown on Fenwick's Island Light Ship at 10 23 P. M., and before she struck on *Assateague Shoals*, about 2 50 A. M., Oct. 10. Notwithstanding the set to the westward, the course as set by the commanding officer in his night orders, written and delivered to the officer of the deck, before 8 P. M., Oct. 9, S. 24 deg. W., p. c., would have led the ship clear of *Assateague* and *Chincoteague Shoals*.

The course was changed by Lt. York Noel, U. S. Navy, the officer of the deck, to S. 40 deg. W., p. c., and again by Lieut. R. T. Mulligan, course from S. 40 deg. W., p. c., to S. 54 deg. W., p. c., after he had relieved Lieut. York Noel. These changes of course were not reported to the commanding officer. About 2 50 A. M., Oct. 10, Lieut. R. T. Mulligan ordered the course changed from S. 54 deg. W., p. c., to S. 29 deg. W., p. c., and whilst the ship was coming up on her new course she struck on the shoals near *Assateague Island*. A bright lookout was kept on board the *Despatch*, and the light of the Winter Quarter Shoal Light Ship was not seen at any time that night by anyone on board. No east of the lead was taken from the time of passing Fenwick's Light vessel until the *Despatch* took the ground. The courses steered by the standard compass and the distances run on the day before the vessel grounded were correctly inserted in the log book.

After the vessel grounded, every effort was made to save the ship, and these efforts were not relaxed until it became evident that nothing more could be done. The commanding and other officers of the ship, and the ship's company, displayed coolness, ability and energy, and both before and after leaving the ship, the discipline was thoroughly maintained. The ship was only abandoned when it became evident that she was breaking up. Every effort was made to save and preserve Government property after the wreck. Lieut. York Noel displayed commendable pluck and ability in laying out the starboard bower anchor under difficult and dangerous circumstances.

The Court also found that the grounding and loss of the U. S. late vessel, the *Despatch*, was caused principally by the *Assateague Light* being mistaken for the Winter Quarter Shoal Lightship's light; this mistake arising through the *Assateague Light* presenting the appearance of a red light.

The testimony shows that on the night of the grounding of the *Despatch* a relief light ship, the *Drift*, was on the station of the regular light ship, and that the relief light ship was supposed to exhibit a light of less power than the regular light ship, and, at the time this light ship was passed by the *Despatch*, the light must have been burning dimly, or was temporarily out. Secondly, by the failure to use the lead.

Lieut. W. S. Cowles, U. S. N., omitted to comply with part of paragraph 145, page 51 U. S. N. Reg., 1876, in that he did not require the occasional use of the lead, but the loss of the vessel was not directly due to this omission, as his written night orders would have carried the vessel clear.

Lieut. York Noel, U. S. N., was in fault in that he did not report the light supposed to be Winter Quarter Shoal Light Ship's light to the commanding officer, as soon as it was sighted, and in that he subsequently changed the course of the vessel without reporting the fact, and in that he did not cause soundings to be taken when heading towards the land in the vicinity of dangerous shoals, and in that he did not inform his relief that the commanding officer had not been informed of the sighting of the light, and that these faults arose partly from and in consequence of mistaking *Assateague* for the light of Winter Quarter Shoal Light Ship.

Lieut. R. T. Mulligan, U. S. Navy, was in fault in that he failed to inform himself by what authority changes had been made from the written night orders handed him, and in that he changed the course without reporting, when the ship was on her new course, to the commanding officer, and in that, with the ship heading towards the land, he did not cause soundings to be taken, and in that he did not report to the commanding officer that the run by patent log showed that the ship should have passed Winter Quarter Shoal Lightship's light by some distance, when that light was still on the starboard bow, and that these faults arose from having the supposed information that the apparently red light in sight was Winter Quarter Shoal Lightship's light, and no other light.

And, in view of the foregoing, the Court is of the opinion that no further proceedings should be had in the matter.

The findings and opinion of the Court have been approved by the Department.

**ESTIMATES FOR THE MARINE CORPS.**

MAJOR H. B. LOWRY, Q. M., U. S. M. Corps, in his annual estimates asks for an increase of \$6,266.14 in provisions, \$5,000 in clothing, \$2,776 in military stores, \$500 contingent, and \$22,500 for repair of barracks. Contracts for provisions this year are based on the Army estimate of \$17.51 per one hundred rations. The proposed changes in uniform require an additional appropriation. On the 30th of June it was found necessary to stop recruiting owing to the limited supply of clothing, and it was impossible to send the necessary men to sea. The establishment of a school of application has added to the list of military stores such articles as models, instruments, text books, and marksmen's badges, and increased the amount of ammunition required; \$80,000 of the increase in barracks is for a headquarters building and \$2,500 for altering and enlarging the officers' quarters at Portsmouth; \$3,000 is also added for barracks at Port Royal, S. C., where the Marine Guard is living under canvas. Wire bunk bottoms, mattresses, pillows, sheets, and pillow cases, mess and kitchen utensils, of the same character as are provided in the Army for the use of the soldiers, having been adopted for the use of the enlisted men of the Marine Corps, an additional sum of \$2,500 is asked for to meet the expense. An item of \$1,000 is added to enable the Marine Corps to meet the necessary expenses connected with the exhibit that it is proposed to make at the World's Columbian Exhibition in Chicago in 1893.



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LIEUTENANT-COLONEL BURTON, Inspector General, referring to the canteen system in a recent report says: "The tendency is to measure the success of the new venture by the largest division of gain, instead of the greatest and cheapest comfort to the men. I think it would be advisable to have some uniformity regarding the limit of profits on the general articles kept by the canteens throughout the service." It would be a pity if the system were to break down of its own weight, but curious things happen sometimes.

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NEW YORK, Nov. 2, 1891.

AT A SPECIAL MEETING OF THE BOARD OF DIRECTORS, held this day, Mr. JOHN K. CILLEY was unanimously elected President of this Bank, in place of Mr. C. Henry Garden resigned, and Mr. C. Henry Garden was unanimously elected Vice-President.

H. H. NAZRO, Cashier.

**ARMY AND NAVY JOURNAL.**

PUBLISHED EVERY SATURDAY.

(ESTABLISHED 1863.)

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Immediate notice should be given of any delay or failure in the receipt of the JOURNAL.

W. C. and F. P. CHURCH, Proprietors,  
240 Broadway, New York.

**THE CHILIAN DIFFICULTIES.**

WHATEVER may be the outcome of the present Chilian situation, it is quite apparent that the Navy Department is preparing to meet the extreme possibilities of the case. There will soon be a material increase in the forces in the Pacific. The *Newark*, *Atlanta*, *Concord* and *Bennington* are booked for early departure from home waters for service in the South Pacific, and the *Philadelphia*, which left New York last week for St. Thomas will, it is expected, receive orders upon her arrival there to continue on to those waters, the object being to place Rear-Admiral Gherardi in command of the vessels in the South Pacific, which with those already there and en route will comprise the *Baltimore*, Capt. W. S. Schley; *Yorktown*, Comdr. R. D. Evans; *Boston*, Capt. G. C. Wiltse; *Newark*, Capt. Silas Casey; *Philadelphia*; Capt. Frederick Rogers; *Concord*, Comdr. O. A. Batchelor; *Bennington*, Comdr. R. B. Bradford, and the *Petrel*, Lt. Comdr. M. R. S. Mackenzie. The latter sailed last week ostensibly for China, via the Suez Canal, but she was overhauled at Sandy Hook and directed to go by way of Brazil, stopping at Bahia, where she may receive instructions that will keep her in the Pacific. The captains of the *Atlanta*, the *Concord* and the *Bennington* have been ordered to have their respective vessels ready for sea next week, with provisions for one year aboard. The *Miantonomoh* is also rapidly approaching completion. The *Newark* at Boston has nearly finished her repairs.

The Santiago correspondent of the London Times charges the American correspondents, the American Minister, the American Consul at Valparaiso, and Captain Schley with stirring up strife. He says: "The consequence of this official filibustering is that the warships of other nations, which were about to leave Chili, have been ordered to remain. These deliberate provocations will not make the Chilean Government abandon its correct judicial attitude.

There is, I repeat, absolutely no hostile feeling in Chili against the United States; but such a feeling may be brought about unless more prudence is displayed." Captain Schley reports that there are no indications of hostility toward the *Baltimore*. The charge against him of stirring up strife is not worthy of reply. The foreign papers are as free as usual in their expressions of opinion concerning the Chilian affair, but, so far as we have seen, none of them venture to defend the course of Chili. The London Times thinks that she "has not been too kindly treated in her troubles, has really done nothing calling for punishment, and is too weak for a self-respecting adversary to strike, except with the greatest reluctance."

The London Saturday Review says: "There can be no question that the determination of the United States to demand explanation of, or even reparation for, the attack made on its sailors at Valparaiso is absolutely 'correct.'" The Review further shows that if the faults on the part of the United States were ten times as many as are charged, "American citizens should still not be liable to be stabbed at discretion by a Chilian mob. As for the *tu quoque* about the lynchings, it is little better than silly." It says: "The riot at Valparaiso is unfortunately a very serious sign that the mob of Chili has been brutalized and its Government weakened by the late civil war." Speaking of the possibility of war, the London Spectator says: "Chili has no ally, Peru would instantly attack her to recover the nitrate region and revenge her own cruel defeat, and every month of war would exhaust Chili and strengthen the forces of the American Government." It further informs us that "Commodore Tracy could buy by telegraph every 'obsolete' but efficient ironclad in the world. The American ironmasters, also, would plate great steamers by the dozen and American sailors would use them with the courage of a forlorn hope." We do not desire war, but there can be no question that "Chili" would cease to be a geographical expression after we had done with her. We have no use for her territory, but her jealous neighbors have. Still, we have not felt called upon to stimulate the war feeling. It is not the office of the Military Services or of their representatives to take part in belligerent talk.

IN an article in the September number of the "Journal of the U. S. Cavalry Association," Lieut. Wm. A. Shunk, 8th Cavalry, shows how foreign critics are misled as to the experiences of our Civil War. Commenting upon the errors of one critic—General Lord Wolseley—he asks: "Is the American soldier so incomparably superior to all others that he can, though 'very imperfectly drilled and undisciplined,' perform deeds which compare favorably with any military achievement in history?" Professor Shaler shows that he is superior by nature, and the experiences of our war prove that he can be made superior in drill and discipline. Foreign observers are misled by our errors of political administration that prevented us from obtaining the military results possible to us. Instead of establishing a system of reserve battalions and keeping up our disciplined organizations the waste of war was to a large extent supplied by recruiting new regiments.

**A FOREIGN OPINION.**

THE *Army and Navy Gazette* says: "Some light is thrown upon the cause of the recent outrages upon American seamen in Chili by the letter we print elsewhere from our correspondent at Valparaiso. He states that it was popularly supposed by the Congressionals that Admiral Brown supplied to their enemies the first detailed intelligence of the landing of the army of the Junta. In these circumstances it is not to be wondered at that, when combined with the disagreeable impression created by the proceedings in the case of the *Itata*, a feeling of hostility to the citizens of the United States should manifest itself on the part of those who consider themselves to have been unfairly treated. There is nothing in this, however, to extenuate the outrage upon the seamen of the *Baltimore*, one [two] of whom was unfortunately killed. If the Chilian authorities are wise, they will act with promptitude, and show that, although a few irresponsible rowdies may wish to evince their ill-feeling, the Government is ready to put down such acts with a strong hand.

"What either party has to gain by an appeal to arms is as difficult to understand, as it is easy to see



how much each may easily lose in purse and reputation if the extreme course is taken. So far as we can judge, the Government of the United States does not seem to have acted in the matter in a manner very far different from that in which our own might have acted in similar circumstances. If a British officer had reported to his Government through his admiral that British bluejackets had been murdered and stabbed by a mob, say at Athens, and that the Greek police had joined in the attack on them, it is pretty certain that our action would have been sharp and instant—at least we hope so. All well wishers of Chili must hope that she will make every reparation possible for the ill deeds of some of her less reputable sons.

"To us, however, with intimate knowledge of the present powers of the opposed States for aggression and defence respectively, it is not astonishing that the Chilean Government should feel inclined to laugh at Yankee threats. The marvel would be if Mr. Tracy, the Secretary of the U. S. Navy, and a thoroughly clear sighted man, had got it into his head that the force at his disposal was sufficiently overwhelming to entirely obviate the possibility of disaster. The President of the Junta is Geo. Montt, a naval officer, the organizer of the victories of the Congressionals, a student of Colomb and Mahan, a man who has successfully put into practice their precepts, and one who is intimately and thoroughly acquainted with the geographical advantages and disadvantages of his country's location, and the relative sea power of Chili and the Northern Republic. If this man has deliberately snubbed a great power like the United States, depend upon it that it is because he has estimated at its proper value the ability of that power to attack and of his own to defend the interests of 'the English of South America.' One result of the question, whichever way it ends, is obvious; further and fuller exertions on the part of our cousins across the Atlantic to build a Navy, and one that shall be capable anywhere of making their power felt if necessary.

"The Chilean naval force in Chilean waters, if it be true that the *Errazuriz* is at Sandy Point, in the Straits of Magellan, consists of:

Ships.	Displacement.	Armament.	Speed.
	Tons.		Kts.
Cochrane.....	3,370.	5 8-in., 12 L. G.	16 1/2
Huascar.....	1,700	2 8-in., 8 L. G.	16
Esmeralda.....	2,810.	2 10-in., 10 L. G.	16 1/2
Errazuriz.....	2,080.	4 6-in., 2 4.7-in., Q. F., 10 L. G.	17
Lynch.....	735.	8 14-pr. Q. F., 6 L. G.	19 1/2
Condell.....			

Besides one or two ships, four or five improvised cruisers, and a flotilla of 20 torpedo boats.

The two first named are well known armorclads with modern armaments; the next pair are 'protected' cruisers, and should be, if properly fought, a match for the *Baltimore* and *San Francisco*; the last pair are the torpedo runabouts that sunk the *Encalada*. The sloops *Chacabuco*, etc., had been partially disarmed to supply guns to the faster merchant craft improvised as cruisers; but as a large supply of naval ordnance was received just prior to the last act of the civil war, it is possible that all the smaller vessels are again well provided with guns. In the forts of Valparaiso, Iquique, Coquimbo, and Arica many guns have been recently mounted; they principally consist of 100 pr. smooth bore Rodmans, 9 in. Elswick, and 21 cm. Krupp breechloaders.

"It is interesting to surmise what aggressive steps the United States naval officers would take in the event of war being declared. Since the action of France at Foochow, there could be no valid objection raised to Admiral Brown, while yet the dispute is a paper one, seizing the Chilean men-of-war by night, and taking them boldly out of Valparaiso Harbor. It would be a very smart action, and the United States naval officers and men could be trusted to do it dexterously. Sandy Point, in the Straits of Magellan, belongs to Chili and good coal is found in the neighborhood: in the hands of the United States citizens, either for a time or altogether, it would have a future—an immediate future in the event of this war, for it would at once supply a base and a coaling station. As to blockading a coast line of 1,600 miles with three or four ships in the face of a force, certainly not inferior at present, it is absurd; nor would it be possible without a land force to seize Iquique in the north, or Anoud in the south. The bombardment of towns is a game which both could play at; but it would not be worth the while of either. Coronel, however, from which place all the coal of Chili, not sea borne, is procured, is well within range of a cruiser's guns, and a war vessel lying off here would, by stopping the supply of fuel, harass the natives considerably, not to mention that it would mean putting out the gas-lights everywhere. Furthermore, the trade of Chili would be destroyed by United States commerce destroyers."

We have received a number of orders for the Drill Regulations for Cavalry. These are not yet in the hands of the Public Printer and our publication does not include them. The Drill Regulations for Infantry are all we have thus far. It will be several months before the Drill Regulations for Cavalry and Artillery are ready for distribution.

The immense stores of information filed away in the archives of the Bureau of Naval Intelligence is now being extensively drawn upon by the Navy Department in the collaboration of information concerning the naval power of Chili.

The City of Mexico, alive to the necessity for the most modern improvements in sewerage, is now engaged upon an extensive system of sewer works, to cost, when finished, about \$16,000,000. Robert Gayal, the Chief Engineer of the City of Mexico, is inspecting the sewer systems of all the large American cities, and is at present in Philadelphia for that purpose.

The important news comes from Europe that the Emperor of Russia wore plain clothes in public for the first time, on a recent occasion, that his towering figure was not displayed to advantage in them, and that at a railroad station he dined on sandwiches, which he washed down with several bowls of tea, (well laced with rum,) which was made on the spot by his own servants, with his own caravan tea.

The *Evening Post* says: "Judge Ross's decision in this case of the *Itata*, following on his decision in the case of the *Robert and Minnie*, and supported as it is by Judge Blatchford's decision in the *Florida* case in 1871, seems to establish the rule that it is no violation of neutrality to sell arms to a belligerent, or to ship them for transportation to a belligerent port, but simply an operation of lawful trade. We believe the Chileans had good legal opinions to this effect before they purchased the arms in New York. It is a rule, too, which our Government, as one likely to be neutral in nearly all possible wars, ought to have asserted and upheld in the interest of American commerce and manufactures."

A LONDON correspondent of the *New York Herald*, says: "The difference between the pension system in the United States and Great Britain can be shown with no better illustration than in the case of William Rodgers, a British Army pensioner who died recently in absolute starvation. He was in the Dragon Guards for twelve years and had fought in many battles, and after being totally disabled and unfit for work retired on the magnificent pension equivalent to \$43 a year, and on this the veteran could do no better than starve to death. The English workhouses are filled with the defenders of the British Empire."

A LONDON correspondent, reviewing the European situation, writes: "If Russia occupied six-sevenths of the world's area instead of one-seventh, she could not more completely monopolize attention than she does now. Practically everything on the Continent which people talk about has a Muscovite coloring of some sort. To all financial mishaps and shrinkages in the various money centres is given a Russian twist in men's minds. Trade is bad, credit low, living expenses are swollen, budgets are increased, taxes are multiplied, labor is unemployed, all on account of Russia. There is more truth, too, in all this than at first would be imagined. All Europe is becoming demoralized by contact with this diseased and bankrupt barbarism."

The Admiralty will only demand 13,000 horse power with from 18 to 19 knots, instead of 20,000 h. p. and 22 knots, from the *Blake*, as she is not to be submitted to a forced draught trial. The weakness of the single combustion chamber having been discovered before the completion of the *Blake*, a brick partition was erected, but this is not considered reliable. In this connection it is worthy of note that the present Chief of the Bureau of Steam Engineering has steadily set his opinion against the use of the single combustion chamber, with the result that none of the boilers of the "New Navy" are so fitted.

A NIGHT attack on Kiel during the German Autumn Manœuvres was repulsed by the forts. Ruoya, lights, and leading marks were supposed to have been removed, and no vessels were permitted to enter without pilots. All the forts were manned as if for actual war; the neighboring coast was lined with troops; a mine-field and some obstructions were laid down; a number of extra batteries were planted on both coasts, and a look-out station was established at the end of Laboe Pier, and connected by telegraph with all the chief centres of the defence. All these preparations were made within a few hours, and without the slightest confusion. The Evolution Squadron made two attacks such as could scarcely be made in real warfare under like conditions. Then, through the smoke, came the real attack by the torpedo flotilla, which, steaming at a speed of 20 knots, got within 1,200 yards before it was made out. A terrible fire was promptly opened upon it from everything that would bear, and it had no course but to turn about and make the best of its way back to the open. But it tried the experiment yet twice again before it finally relinquished the hopeless contest.

## RECENT DEATHS.

Mrs. JOHN C. BAXTER, mother of 1st Lieut. John C. Baxter, jr., 9th U. S. Infantry, died at Glenwood, N. J., Nov. 8th.

CAPTAIN LEONARD MARIA LIPP KINSKY, formerly an officer of the Austrian army, and of Massachusetts Volunteers during the Rebellion, died Nov. 8, at Boston, Mass.

Mr. MONCURE ROBINSON, who died on Nov. 10 at Philadelphia, aged ninety, will be remembered as the eminent engineer who surveyed the Reading Railroad from Pittsburg to Pottsville, and who planned the portage system over the Alleghenies. He was a pupil in early life at William and Mary College, having as his teacher in French Professor Fremont, father of the late Gen. Fremont. He retired from the profession of engineering in 1847, after making a reconnaissance in New York harbor on a Government Commission to locate a naval station.

The funeral of Capt. Arthur Reid Yates, executive officer of the Portsmouth Navy Yard at the time of his decease, took place from the Unitarian Church, Portsmouth, on Saturday morning, Nov. 7th. The funeral escort consisted of a battalion of marines and a detachment of the Grand Army. The marines were commanded by Major John H. Higbee, the first company by Capt. W. R. Brown and the second by 1st Lieut. L. J. Guilek. The pall bearers were Capt. Charles C. Carpenter, Pay-Inspector Joseph A. Smith, Comdr. Charles J. Barclay, Comdr. N. Mayo Dyer, Chief Engineer Joseph Trille, Paymaster Joseph Foster, and the body bearers were composed of eight sailors from the U. S. S. *Leyden*, in command of Mate John L. Vennard. The assemblage was large and included many from abroad, prominent among the mourners being Judge Austin Yates, of Schenectady, N. Y., brother of the dead officer.

## THE TRIAL OF ARMOR-PLATE.

An examination of the backs of the armor plates by the Trial Board, Rear-Admiral Kimberly president, was made this week. They found no reason to change their opinion as to the relative value of the three plates as the result of this examination. The high carbon nickel-steel plate from the Bethlehem Iron Works showed even better results than the appearance of the plates indicated. There was comparatively little bulging of the back under the shots, and the cracks were not so serious as they appeared to be on the day of the firing. While the cracks went through they were not continuous. The backing was uninjured, except where the point of the 8-inch shot broke into it slightly at the centre. It will be used over again for mounting another plate. The backing of both the other plates were too badly damaged to be used again. There was also an indentation under the lower right-hand shot. The cracks in the plate were found to be about as indicated by its face. The Harveyized all-steel plate from Bethlehem did not do quite as well as might have been expected from its face. The comparative softness of the body of this plate was doubtless much against it, and when the projectiles once got through the hard carbonized surface they encountered comparatively little resistance. The ordnance officials, as intimated in the *JOURNAL* last week, are now well satisfied that the high carbon nickel is the best plate extant, and on the strength of the first day's trial have authorized Carnegie, Phipps and Co. and the Bethlehem Iron Works to use nickel alloy in all armor plates provided for in their contracts. Plain steel is now out of the question for armor plate purposes. The Harvey system of decarbonization, or some other system of surface hardening, will, it is believed by many of the ordnance officials, eventually be used to still further improve the quality of the nickel plate, but it is still in a more or less experimental stage and must be further developed before it will be permanently adopted by the Navy Department. In the first place the present method of treatment is too expensive to admit of its adoption for general use. It is hoped that it will be found practicable to apply the hardening process to the ingot before it is hammered or rolled, and thus avoid the expense of double treatment, and a year's experiment in this line, it is believed by many, will bring about the desired end. Meanwhile it is the purpose of the department to proceed with the work of providing armor for the new ships as fast as the nickel plates can be turned out. Several additional trials like the series recently commenced will probably be necessary to fully develop the Harvey plate, both as regards quality and method of treatment. The trial to come off on Saturday, Nov. 14, will doubtless furnish some valuable data in this respect, but it is not anticipated that the ordnance officials that it will show conclusively the full merits of the Harvey system. At this the three plates fired at will be the Bethlehem high carbon nickel Harveyized, the low carbon nickel Harveyized and the high carbon nickel made by Carnegie, Phipps and Co. This trial will be especially important in view of the fact that it will afford the first opportunity for a comparison between forged and rolled plates manufactured respectively by the two firms named.

## THE FARROW COURT.

THERE has been but little of interest in the Farrow trial this week, and the case is about closed. On Monday Mr. Lowe, a cashier, was on the stand. He swore positively that he knew Lieut. Farrow, and had seen him "a hundred times." Asked to identify the lieutenant, he pointed out the defendant's counsel, Col. Bacon, who bears not the slightest resemblance to Farrow.

Experts in handwriting testified on Wednesday that the signatures to certain deeds and notes presented in evidence seemed to be disguised.

Gen. Wingate, examined in rebuttal, said: "I am satisfied that one of two things is true; either Farrow has been humbugged, or else he is a first class fraud and should be punished. In justice to him, though, I will say that my opinion of Orson Adams has changed very much since the time the notes in question were floated."



THE difficulty experienced by the War Department in getting the Chicago, Rock Island and Pacific Railroad Co. to remove their tracks from the Fort Leavenworth Military Reservation, has prompted the Secretary of War to make a ruling to the effect that military reservations and lands shall be occupied by the War Department and held and occupied for military purposes only, and no licenses for their use or occupation will be given without authority from Congress, unless such use or occupation will be of some benefit to the Military Service.

GENERAL SIR ARCHIBALD ALISON contributes an article on Von Moltke's "Franco German War" in the November number of *Blackwood*. Sir Charles Dilke, who followed the late manoeuvres, has an article in the *Fortnightly* on the French Army, and an account of the operations. Concerning an article in the *Nineteenth Century* by Mr. Shaw-Lefevre on "The Naval Policy of France, Past and Future," the *Army and Navy Gazette* says: "It is another proof of the deep hold the writings of Captain Mahan and Admiral Colomb have taken upon the minds of thinking men." Col. W. W. Knollys has given some observations on the French manoeuvres of last year in an article in the English *United Service* magazine on "The Effect of Smokeless Powder on the War of the Future."

A CAPTAINCY and quartermastership in the Marine Corps, and professorship of mathematics, and two assistant paymasterships are now at the disposal of the President. For the former position Lieuts. Benson and Denny are prominently mentioned. Asaph Hall, Jr., assistant astronomer at the Naval Observatory, will probably get the professorship. There are so many applicants for the vacancies in the Pay Corps having strong political and social influence that it is idle to speculate upon their relative prospects. Some of the candidates are graduates of the Naval Academy. To be consistent with his recommendations to Congress, Secretary Tracy should confine his selections to this class, but there is so much pressure for applicants who are not graduates that the choice is just as liable to fall on one class as another.

(Correspondence of the Army and Navy Journal.)

#### WEST POINT, N. Y.

NOVEMBER 11, 1891.

VICTORY again attended the cadets at their foot ball game on Saturday afternoon; victory all the more appreciated from the fact of its having been hard won. Their opponents, the Stevens Institute team, gained and kept the advantage during the first half of the game, scoring two touchdowns and two goals, while the cadets failed to score. West Point made up for lost time in the second half, making three touchdowns in succession, which, with one goal, brought their score to 14 against Stevens' 12 at the close of the game. The interest evinced in the game seems steadily growing, and the audience on Saturday represented pretty thoroughly the post, the corps, the neighboring village of Highland Falls, Garrison, and not a few friends of the Stevens team. Mr. Atkinson was again umpire, the referee being Mr. Wettliander. The following players lined up at 3:15 P. M.:

West Point.	Positions.	Stevens.
Ames.....	left end.....	Paulsen
Ham.....	left tackle.....	Hutchinson
Gleason.....	left guard.....	Schumaker
Adams.....	center.....	Gallagher
Clark.....	right guard.....	Lord
Conrad.....	right tackle.....	Cueto
Prince.....	right end.....	Cayne
Walker.....	quarter back.....	Griswold
Davison.....	left half back.....	Mackenzie
Pattison.....	right half back.....	Maynard
Michie.....	full back.....	Strong

West Point.—1st, Cadet Clark, goal not kicked.  
2d, Cadet Prince, goal kicked by Michie.  
3d, Cadet Michie, goal not kicked.

Total score—West Point, 3 touchdowns, 1 goal—14.

Stevens.

Touchdowns—1st, Mr. Mackenzie, goal kicked by Mackenzie.

2d, (7)

Total score—Stevens, 2 touchdowns, 2 goals—12.

With each man doing his individual best, comparison would be more than ever odious, but the good work of Michie, Prince, Clark, Davison, Walker, Gleason, Adams and Pattison, not to mention the equally conscientious playing of Ames, Ham and Conrad, for West Point, and the excellent playing of Mackenzie, which of itself did much to give Stevens its score, and the fine work of Strong, Maynard and Griswold for the same side, deserve a word of mention. The game next Saturday was to have been with the Rutgers team; later reports, however, name the Berkeley Athletic Club, of New York, as the next on the list.

The hour for inspection was changed last Saturday to 2 P. M., a gratifying change, as it left the afternoon free from 3 P. M. until retreat. There was no general cadet entertainment in the evening, but a few teas were given. The game of the afternoon proved the topic of conversation throughout the corps.

A lacrosse team has been started among the officers of the post, a number of whom practice this game, while the cadets are engaged with foot ball, after dress parade on pleasant afternoons.

We understand that Mr. E. C. Spofford, of New York, contemplates a munificent gift to the West Point Army Mess, in the form of a large number of volumes as a nucleus for a new library. The number of volumes (which, we understand, are to be selected by the recipient) was placed at \$2,500 in the report which reached us, for the accuracy of which we do not vouch.

The first of a series of officers' hops, to be held in Grant Hall during the winter, on alternate Tuesday evenings, took place on Tuesday of the present week. The hours for the duration of these dances have been placed at 8:30 P. M. for the opening and 12:30 A. M. for the close of each hop.

Lieut. Herbert G. Squires, 7th Cav., made a brief visit to the post last week. Mrs. Vogdes is visiting her sister, Miss Berard.

The new quarters at the south end of the post are to be occupied by Capt. Bruff and Miller. Capt. Bruff is to move into the set immediately south of the old hospital. Capt. Miller is already settled in the lower set, between the quarters occupied by Lieut. Carson, and those occupied by Lieut. Boughton. Capt. Craig will move into Capt. Miller's former quarters. Lieut. Brooks will occupy the quarters, when vacated, now occupied by Capt. Bruff.

(Correspondence of the Army and Navy Journal.)

#### FORT SNELLING, MINN.

OCTOBER 28, 1891.

On the evening of the 15th the first of the full-dress hops took place. It was a very pleasant hop, and well attended by people from St. Paul. There were two dinner parties given in the post the same evening, one by Captain and Mrs. Stouch in honor of Mrs. Price, sister of Mrs. Bartlett, who is spending the winter with Major and Mrs. Bartlett, and the other by the bachelors in honor of the young ladies of the post. Those present were Miss Davis, Miss Jewett, the Misses Mason, Miss Sterling and Miss Young. Lieut. and Mrs. Smith acted as chaperons.

Saturday evening Capt. and Mrs. Hannay gave a very delightful card party.

Last Friday afternoon Mrs. Col. Mason entertained the Women's Congress at her house. Mrs. Julia Ward Howe and her daughter, Mrs. Maud Howe Elliot, were among the guests. The Misses Mason were assisted in pouring tea by Mrs. Lieut. Kennedy and Mrs. Lieut. Bundy.

Saturday evening Lieut. and Mrs. Smith gave a dinner party. Those present were Capt. and Mrs. Philip Reade, Lieut. and Mrs. Kennedy, Maj. Patterson, Capt. Hale, Miss Young, and Lieut. Wolfe.

On the evening of the 23d Mrs. Lieut. Butler gave a very pleasant birthday party.

Tuesday afternoon Mrs. Mason gave a reception in honor of Mrs. Van Clev. Mrs. Kennedy gave a luncheon the same afternoon in honor of Mrs. Col. Page, of Fort Keogh, and Mrs. Theiss, of Fort Benton.

This morning Capt. and Mrs. Stouch gave a card party in honor of Miss Young, Mrs. Smith's sister. To-morrow evening the usual Thursday night hop takes place.

There is general rejoicing over the completion of the electric line out to Fort Snelling. The cars do indeed fill a long-felt want. Fifteen hundred people came out yesterday to listen to the concert by the 3d Inf. band and to view dress parade.

Mrs. Theiss, who has been visiting Mrs. Stouch for the last month, left this morning for Omaha, where she is to be the guest of Gen. and Mrs. Brooke.

Mrs. Bell, Mrs. Means and Mrs. Kennedy returned from their Eastern trip about the middle of October.

Lieut. Wood, 12th Inf., visited the post en route from Ft. Leavenworth to Ft. Yates, this week.

#### FORT HUACHUCA, A. T.

THE *Sentinel* has these items:

Col. J. G. C. Lee, Chief Quartermaster, is expected to pay the post a visit shortly.... Col. Gordon and Major Wilcox made a visit to Clark's Ranch Oct. 30. The colonel shot two hawks while en route.... The Tombstone *Prospector* says: "An inspection of Co. G will take place on Nov. 23 in Tombstone. Major McEllan, of the Regular Army, will act as inspector.".... The officers and men of the 11th Infantry are now all comfortably settled. All are comfortable and happy.... Lieut. J. A. Emery, E. Q. M., 11th Infantry, has been kept very busy since his arrival. His services are much appreciated.

COLONEL W. B. HUGHES, U. S. A., Chief Quartermaster at Omaha, will spend the greater part of the winter abroad.

CHIEF ENGINEER E. D. ROBB, U. S. N., recently detached from duty at the Navy-yard, Norfolk, Va., has removed his family to Washington, D. C., and taken rooms at 1635 Thirteenth street, N. W.

MRS. SMITH, wife of Capt. Charles S. Smith, Ordnance Department, U. S. A., and daughter of Joseph Northrop, Esq., of St. Albans, Vt., died at New York City, Nov. 12. The funeral took place from 252 West 52d street.

COLONEL DONN PIATT, a soldier, editor and journalist, well known throughout the length and breadth of the United States, died Nov. 12 at his home, Mac-o-chee, Ohio. He was born June 19, 1819. When the war broke out he thought he set a good example by volunteering as a private. He was elected captain, and Gen. Schenck offered him choice of positions on his staff. He was on the court that investigated the loss of Harper's Ferry and J. A. of the commission that investigated Gen. Buell. As chief of staff under Gen. Schenck he freed the slaves in Maryland, much to the disgust of Maryland and the wrath of President Lincoln. This brought his military career to an abrupt conclusion and he returned to the law, and subsequently became editor of the *Capital* at Washington.

MANY happy returns to Lieut.-Comdr. J. H. Dayton, Lieut. T. C. McLean and W. Doty, born Oct. 25, to Lieuts. L. Fyenne and C. F. Pond, P. A. Surg. T. A. Berryhill, born Oct. 28; to Paymaster H. C. Machette, born Oct. 27; to Lieut. G. A. Merriam, Ensign E. H. Tillman, P. A. Surg. H. G. Beyer, born Oct. 28; to Lieuts. N. Sargent, J. M. Roper, O. E. Lasher and J. J. Knapp, Ensign E. F. Leiper, Sail Maker G. P. Barnes, born Oct. 29; to Comdr. R. D. Hitchcock, Lieut.-Comdr. A. H. Couden, Lieut. E. T. Qualtrough, born Oct. 30; to Lieut. T. Dix Boiles, Surg. D. Dickinson, Paymr. H. T. Skelding, born Oct. 31; to Lieut. T. M. Potts, Ensign J. D. McDonald, Boatswain T. Sheehan, born Nov. 1; to Rear Admr. E. Y. McAuley, Comdr. F. W. Dickens, Lieut. G. W. Tyler, Ensign F. U. Hourigan, P. Engr. A. B. Canaga, Gunner J. Swift, Sail Maker T. B. White, born Nov. 2; to Comdr. R. P. Leary, Med. Insnr. G. R. Brush, Surg. J. G. Ayres, P. A. Surg. T. C. Craig, Asst. Paymr. L. Hunt, born Nov. 3; to Ensigns H. C. Dent and J. Beale, Asst. Engrs. H. P. Norton and M. Bevington, Carpenter W. L. Maples, Sail Maker J. S. Franklin, born Nov. 4; to P. A. Surg. A. C. Russell, P. Asst. Engr. R. I. Hall, Boatswain H. D. Dickinson, Paymr. C. F. Thompson and Theo. S. Thompson (these are not twins), Chaplain C. Q. Wright, Gunner J. G. Foster, born Nov. 5; to Capt. R. E. Wallace, Lieut. T. S. Phelps, Sail Maker J. W. Wingate, born Nov. 7; to Comdr. W. C. Wise, Lieut. Comdrs. F. Hanford and H. W. Lyons, Lieut. M. L. Read; born Nov. 8; to Lieuts. A. Sharp, W. H. Allen and A. C. Almy, Chief Engr. G. R. Johnson, Carpenter E. H. Hay, born Nov. 9; to Rear Admr. Bancroft Gherardi, Comdr. D. W. Mullan, Lieut.-Comdr. C. H. West, P. A. Surg. L. B. Baldwin, Chief Engr. J. W. Thompson, Gunner W. E. Webber, born Nov. 10; to Lieuts. T. G. C. Salter and W. S. Hogg, P. A. Surg. S. H. Griffith, Naval Constructor F. L. Fernald, born Nov. 11; to Lieuts. J. M. Robinson and R. H. Miner, Asst. Paymaster J. F. Lovell, Chief Engr. P. A. Rearick, born Nov. 12; to Lieut.-Comdr. A. Walker, Lieut. W. M. Irwin, born Nov. 13; Lieuts. C. H. Arnold and J. H. C. Coffin, Ensigns J. B. Bernadou, F. A. Huntoon and H. P. Jones, P. A. Surg. H. B. Scott, Chief Engr. H. D. McKean, Chaplain S. D. Boorum, Gunner W. Walsh, Sailmaker G. Van Mater, born Nov. 14; to Lieut. H. C. Fisher, born Oct. 27; Adj. and Ins. A. S. Nicholson, born Nov. 4; Capt. H. Clay Cochran, born Nov. 7; 1st Lieut. S. W. Quackenbush, born Nov. 8, and Capt. M. C. Goodrell, born Nov. 9, all of the Marine Corps.

(Correspondence of the Army and Navy Journal.)

#### U. S. NAVAL ACADEMY.

ANNAPOLIS, Md., Nov. 8, 1891.

THE cadets played a game of foot ball with the team from Kendall Green, the Deaf Mute College, yesterday afternoon. The game was a very quiet one, not much enthusiasm being aroused. Both sides fumbled a good deal.

The cadets opened the game with the V, and were working hard to get the ball over the line, when they lost it within 10 yards of the Kendall's goal. Cadets Hasbrouck and Webster, the half backs of the N. A. team, were disabled and had to be replaced by Campbell and Wilson. During one of the scrimmages the Kendall fumbled the ball, allowing Halseiger to get it, who made 20 yards before they realized the position. He then passed it to Trench, who made the first and only touchdown. Symington kicked the goal. When time was called soon afterward the score still stood 6 to 0 in favor of the cadets. Only one-half of 45 minutes was played, as the visiting team had to leave on the 3:50 train. Ferguson, Symington and Bagley rushed and tackled well for the cadets, while Taylor, Ryan and Hosterman did excellent work for Kendall. Umpire, Prof. Cain, St. John's College; referee, Cadet Moses.

Miss Helen Schenck, daughter of Pay Director Schenck gave a delightful dinner party to the members of the foot ball team, substitutes and the referee yesterday evening. The young ladies invited were the Misses Phythian, the Misses Reeder, Misses Temple and Craig.

Comdr. Thomas, the chairman of the board that revised the tactics, together with Lieut. Kennon, U. S. A., and Ensign Haeseler, also members of the board, witnessed the battalion drills on Friday and Saturday. They were greatly pleased with the facility with which the cadets had adopted the new movements, especially in the manual and formations to suppress street riots. Sword-master Corbester, the author of the bayonet and "setting up" drills was also an interested spectator.

An informal dance was held in the boat house last night from 8 to 10:30. Among those dancing were Lieut. and Mrs. Moore, Lieut. and Mrs. Halsey, Lieut. and Mrs. Hawley, Lt. and Mrs. Roper, Miss Elsie Knowlton, Prof. and Mrs. Fay, Prof. and Mrs. Sanger, Mrs. and Miss Schenck, the Misses Phythian, Miss Todd, the Misses Reeder, the Misses McCoy, Mrs. and Miss Alcho, from Paris, France; Mrs. Powell and Miss Turner, from Washington; Miss Toddhunter, Ensign and Mrs. Dresel, Ensign and Mrs. Haeseler, Miss Marchand, Lieut. Knapp, Ensigns Gibbons, Evans and Koeper, Prof. Whittier and Wernitz, Messrs. Hicks, Johnson, Claude and Duval, and a large attendance of cadets.

P. A. Surg. Philip Leach has been ordered to the Asiatic station. He has a large circle of friends, and will be most pleasantly remembered. Lieut. Knight was in town, on a visit to his home last week. Lieut. Reeder has reported for duty after a month's leave of absence. The hazing trouble is practically settled. None of the accused cadets have been dismissed, but have received demerits, and will be restricted to the *Sentinel* for the next two months, only leaving her to attend recitations, drills and church.

Cadet Shaw has been acquitted. Lieut. Fullam put the battalion through the following exercises and movements in 30 minutes: (1) Open ranks, (2) manual of arms, (3) close ranks, (4) fixings, (5) march in line, (6) general alignment, (7) front into line from column of companies and from column of fours, (8) companies right and companies right turn, (9) change of front, (10) form line of columns, (11) change direction in line of columns of fours, from close column, (12) movement by sections. Under the new tactics the battalion movements are all embraced in the following five formations: (1) Columns of fours, (2) column of companies, (3) a line of columns, (4) a close column of companies, (5) a line.

M. Corbester is now engaged with Lieut. Fullam and other officers in revising the outlast drill of the Navy. Great stress is being laid on the attack on point. The revised exercises will tend to discourage all but a few cases, the idea being that in delivering the old swinging blows the body is left too much uncovered.

#### LATE ARMY ORDERS.

The following transfers are ordered in the 21st Infantry: Capt. Ebenezer W. Stone, from Co. A to Co. K; Capt. Charles A. Williams, from Co. K to Co. A; 2d Lieut. Charles G. Dwyer, from Co. A to Co. D; 2d Lieut. Ralph H. Vandeman, from Co. I to Co. A. The following transfers are ordered in the 1st Artillery: 1st Lieut. Arthur Murray, from Bat. B to Bat. L; 1st Lieut. Thomas C. Patterson, from Bat. L to Bat. B (S. O., Nov. 13, H. Q. A.).

Capt. Louis A. La Garde, Asst. Surg., will be permitted to leave Ft. McHenry at such times as his service may be required in connection with the World's Columbian Exposition, and during such absences Capt. C. N. Berkeley Macauley, Asst. Surg., on duty at Baltimore, Md., will perform medical service for the post of Ft. McHenry (S. O., Nov. 13, H. Q. A.).

The sick leave of Capt. Joshua A. Fessenden, 5th Art., is extended six months (S. O., Nov. 13, H. Q. A.). Private Donn Piatt, jr., Bat. M, 4th Artillery, is transferred to the general service and will be sent to Columbus Barracks for the benefit of his health. (S. O., H. Q. A., Nov. 11.)

THE following officers registered at the Navy Department this week: Comdrs. Geo. W. Pigman and B. F. Day, Lieut. Comdr. F. I. Moore, Lieuts. N. E. Niles, S. A. Staunton, W. I. Rodgers, Ensign John B. Bernadon, P. A. Paymr. J. A. Speel, and Civil Engineers N. S. G. White, C. C. Wolcott and P. C. Amerson.

LIEUTENANT COLONEL H. N. LAWTON, I. G., is on a visit of inspection to Fort Sheridan, St. Paul, and Omaha.

MAJOR CHARLES B. THROCKMORTON, 2d Art., has through the assistance of a friend been able to settle the indebtedness which led to his being reported to the War Department.

SINCE the desertion of 2d Lieut. J. E. Dodge, 14th Inf., from Fort Leavenworth, the War Department has learned of several duplicate sets of pay accounts hypothecated by him. Steps have been taken to ensure his trial by court martial as soon as the civil authorities at Hannibal, Mo., have taken action on the charge of burglary pending against him there.

THERE was an informal meeting of four of the five members of the Army Board on the World's Fair, in Washington this week, to discuss matters relating to the arrangement of the War Department exhibits in and outside of the Government building. Capt. Marshall, Engineers, was the absent member.

CAPTAIN J. F. RODGERS, Military Storekeeper, Ordnance Department, is to be given charge of all matters relating to transportation of Government exhibits for the World's Fair in addition to his other duties as a member of the board in charge of the War Department exhibit. He filled a similar position during the Centennial in 1876, and did it so well that it was quite natural for him to be called upon the second time.



ORDNANCE NOTES.

The Austrian military authorities during their late autumn manoeuvres found that the men could not be trained to reserve their fire. On several occasions in the course of the manoeuvres large bodies of men were found, at a critical stage in the operations, without a shot in reserve, at the very time when they should have been able to fire their fastest.

In a paper read before the Iron and Steel Institute, Dr. A. Anderson, Director-General of Ordnance Factories, in describing the official method of binding the correspondence on any one subject together by the "much derided red tape," caused some amusement by exhibiting samples of the official correspondence paper, red tape, and wrappers. A green wrapper in connection with a bundle of correspondence indicated that the subject matter was of urgent importance, and should be immediately dealt with.

The *United Service Gazette* says: "The serious problem now presented to the Admiralty officials is how to get rid of the very big guns. It is claimed that lighter ordnance can be built carrying relatively higher powder charges, and giving as good results in armor penetration as the 67 ton and 110 ton guns. Indeed, 12 inch or 45 ton breechloaders can be got to do all the piercing work required to go through the hull of the stoutest ironclad afloat or building. The 110 ton gun is still giving the Admiralty considerable trouble, and it has now been found necessary to have the two guns of this calibre belonging to the *Benbow* taken out to be strengthened."

The *United Service Gazette* says: "From the results of experiments carried out in Russia last winter, it appears that parapets made of snow are equally effective in resisting artillery fire as in resisting the fire of modern small arms. With parapets 18 feet thick, it was found that shells passed through the parapet, but did not burst. Parapets, however, constructed of 22 feet of beaten snow, or 25 feet of loose snow, offered thorough protection against field artillery fired at a range of 640 metres, while even at this exceptionally short range it was very difficult to make out the object to be fired at. As the occasion would very rarely present itself when guns could be used at this range, it is clear that a thickness of 25 feet may be considered as a maximum, and that where climatic conditions allow of snow being used for temporary field works, it offers the best protective material that could be utilized for the purpose."

The *N. Y. Times* says: "The American Range Finder Company of this city has been recently notified that the Chilean armored war ship *Capitan Pratt* is only waiting for range-finder fittings to be ready for sea. The *Capitan Pratt* is at Toulon, France. When in service she will be the most powerful war ship possessed by the Chileans. Her only match in the United States Navy at present is the *Montonomah*. Contracts have been made to supply the *Capitan Pratt* with the Fiske range-finder. The instruments are now on board. Lieut. Fiske, of the United States Navy, superintended their fitting during last August. This officer is now aboard the *Yorktown*, bound for Chili. Of United States vessels, the cruisers *Chicago* and *Baltimore* alone have range-finder instruments. The Fiske range finder has already been supplied to one vessel of Russia, two of Denmark, one of France, one of Chili, two of the United States, and a set is now being made for the British war ship *Undaunted*, commanded by Captain, the Hon. Charles Beresford."

Russia, in awarding contracts for her new rifles, insists that they shall be delivered by July, 1894. The Russian factories can turn them out at the rate of 430,000 annually, and 500,000 have been ordered in France. The total number to be delivered is 1,700,000, and the rearmament will be completed a year sooner by the aid of France. A Berlin correspondent writes: "The present Czar's government has hitherto consistently followed the principle of making Russia in every way independent of foreign countries. As regards ships, engines, guns, railways, and in fact everything else, Alexander III. has enforced the policy of home manufacture and construction, the use of Russian raw material, and, as far as possible, of Russian skill, to the exclusion of all foreign aid and importation by means of prohibitory duties and refusal to grant concessions to foreigners. If, therefore, as the *Cologne Gazette* points out, after taking long years to prepare a rifle of her own, Russia has gone to the length of ordering half a million of these new rifles in France merely in order to gain one year in the rearming of her troops, we may judge by this fact alone how pressing and urgent the matter must have been represented to be by the Czar's military and war-seeking advisers."

The *New York Times* says: "In the recent working of the new 12-inch breechloading rifle at the Washington Gun Foundry considerable leaking was observed. Especially when the rammer was used, the water came out in fine streams from several different points. It was this leaking and other defects which caused the Howell Board to declare in favor of the pneumatic system. Reports from Newport, R. I., are to the effect that the Howell torpedo people are meeting with great success. The superintending of the work at present is in the hands of Mr. Edward W. Very, formerly of the Navy, now holding the important position of Superintendent of the Hotchkiss Ordnance Company, which is particularly busy at present. The work in the United States is being handled by the Pratt and Whitney Company, of Hartford, Conn. Twenty-five one-pounder guns are being made and fifty six-pounder guns. In addition to the Navy contracts several six-pounder guns are being made for vessels of the Revenue Marine. The direct charge of the gunwork at Pratt and Whitney's is in the hands of Superintendent Parkhurst. The resident Government Inspector is Ensign Harold H. Eames, U. S. N."

According to the Vienna correspondent of the *London Standard*, the military authorities are contemplating the introduction of a much lighter rifle, about half the weight of that at present in use, using aluminium in place of the heavier metals.

A Newport despatch to the *N. Y. Herald* says of the Howell torpedo: "The owners of the Howell torpedo have not presented it to the Naval Torpedo Board for official trials, although the Board has been ready some time. All the trials thus far have been simply contractor's trials. From official sources it is learned that the contractors have obtained better results than were secured last year. Many improvements in the way of details have been made and the adjustment of the torpedo is nearly completed, but no notice has been given of the date on which the contractors will be ready for the official tests. Every shot made thus far with the torpedo would have sunk a ship. It is not probable that either the Hall or the Whitehead torpedo or the Ericsson submarine gun will be tested this year, the inventors or contractors not being ready."

The number of rounds which the 11-ton gun is theoretically capable of firing with full charges is 85, but it is needless to add that only one such charge is usually fired from each gun during the quarterly practice. The reduced and half charges are not supposed to cause much wear and tear; yet the *Anson's* 67-ton weapon can scarcely have fired more than 16 rounds with full charges, and fewer still have been fired by the *Victoria's* guns. The crack in the "A" tube of the *Victoria's* gun is said to be almost imperceptible, but its development is not the less an extremely grave matter, which calls for thorough investigation. Gunners officers in the Navy consider that the "A" tubes of these monsters are far too thin to be capable of withstanding the immense strain brought upon the grooves by the rapid rotation of the projectiles, and this appears to us to be a very probable explanation of the recent defects. If the *Victoria's* gun is really to be cut off at the chase, it will of course be necessary to reweight it, for the trajectory will be completely altered, and it will scarcely be possible to fire the two guns in the same turret simultaneously.—*Army and Navy Gazette*.

ANSWERS TO CORRESPONDENTS.

Chas. Au.—Co. C, 19th Infantry, is stationed at Fort Wayne, Mich.

F. A. S.—The New Naval Infantry Tactics are published by the Naval Institute, Annapolis, Md.

M. F. R.—Send your letters care B. F. Stevens, Lancaster should be in vicinity of Singapore by Christmas.

R. C.—General J. V. Bomford is still alive and resides at Elizabeth, N. J. Gen. H. D. Wallen died in New York City, Dec. 2, 1890.

P. M.—You seem to have a legitimate claim for extra-duty pay. Consult the post quartermaster and see what he thinks about it.

L. N.—Write to the "World's Columbian Exposition," Chicago, and you will get circular giving general information as to the exposition.

E. J. D.—Write to the Chief of the Revenue Marine Division, Treasury Department, Washington, D. C., and you will obtain full information.

Boise Barracks asks: "Should a company bearer wear the brassard on all occasions or only when actually on field service?" Ans.—On all occasions.

D. I. K.—There is such a society as the "Society of the War of 1812," and the address of the secretary is Peter S. Hay, 454 1/2 Rubicon avenue, Philadelphia, Pa.

P. D. S.—Write to Gen. A. W. Greely, U. S. A., Chief Signal Officer of the Army, Washington, D. C. Your four years experience in visual signalling and telegraph adds great weight to your desire to enter the Signal Corps.

R.—The recommendation of the Superintendent of the Military Academy is for the appointment of ten cadets at large annually. At present there are but ten cadets at large authorized to be at the academy at one time.

Ignorance asks: 1. Is a soldier discharged by purchase entitled to clothing money saved? Ans.—Yes.

2. Does he receive retained pay (\$4 per month) accruing during first year's service? Ans.—Yes.

W. H. asks: Did General Scott or General Brown command at the Battle of Lund's Lane? Ans.—General Brown commanded all the forces. General Scott commanded the 1st Brigade which performed most excellent service.

J. B. A. asks: "Will you have the kindness to give me the dates of birth of the following Navy officers: Asa.—Pay Inspector T. T. Caswell, Jan. 4, 1840; Pay Director Edward May, Jan. 20, 1838; Pay Director Richard Washington, April 12, 1837."

E. D. L.—It will be several months yet before the drill regulations for the cavalry and artillery will be ready for the Public Printer. The Government edition of the infantry drill regulations will probably be ready sometime next January.

Legioner.—General Rutherford B. Hayes, ex-President of the United States, is the present Commander-in-Chief of the Military Order of the Loyal Legion. Address for information the Recorder-in-Chief, Col. John P. Nicholson, Philadelphia, Pa.

H. C. asks: "Does the G. O. recently issued, giving 75 cents per diem for rations to persons who are stationed in cities where the Government has no regular subsistence, include discharged soldiers while travelling to their former place of enlistment?" Ans.—No.

Subscriber asks: "What length of service and what requirements are necessary to obtain position of post quartermaster-sergeant?" Ans.—As you are at a military post why not look at a copy of the Army Regulations and read paragraphs 55 to 101, inclusive (page 101). A knowledge of the Regulations is essential to the position, and an aspirant should make himself acquainted with them.

Anxious.—The 1st Artillery has been in New York Harbor since 1860, the 2d in New England and portion in New York Harbor since 1880, the 3d Artillery in Department of Columbia and Maryland since 1893, the 4th Artillery in Southern States since 1869, and the 5th Artillery on the Pacific Coast since 1890.

R. A. D., Portland, Ore.—Go to Vancouver Barracks, close to you, report to the post commander, state your case and make affidavit to the same, and you will be furnished what is termed a "deserter's release." Your having passed some of the time in desertion under an assumed name does not affect the case.

Light Battery.—The question of the disposition of manure accumulating at battery stables is one that has been fought over for the past 25 years, but the governing decision at present is that manure of posts is qua termaster's property and must be used in the public service (on post and company gardens, post cemeteries, etc.) If any is left over it must be sold and the proceeds deposited to the credit of the U. S.

(Correspondence of the Army and Navy Journal.)  
FORT ONTARIO.

THE Garrison Hall at Fort Ontario was the scene of a charming reception on the evening of Nov. 8, given by Surgeon and Mrs. J. V. Lauderdale to their friends in Oswego. A large number of ladies and gentlemen were present, all of whom enjoyed the occasion most thoroughly. The hall was artistically decorated with evergreens, ferns, and flowers; a large bank of potted plants and ferns occupying the centre of the room.

Refreshments were served at small tables in the dining-room, and dancing was kept up until a late hour. Dr. and Mrs. Lauderdale were assisted in receiving by Captain and Mrs. Kinsman, of the Engineer Corps; Mr. and Mrs. Churchill, and Mrs. Macfarlane, of Oswego; Miss Lauderdale, of Genesee, N. Y.; Miss Lane, of Brooklyn, N. Y.; and Capt. Geo. B. Walker, commandant of the post, whose kindly assistance added materially to the success of the entertainment. Dodo.

(Correspondence of the Army and Navy Journal.)  
FORT LEAVENWORTH, KANSAS.

On the evening of Oct. 31 Maj. and Mrs. Cushing gave a Halloween party in the hop room. Most of the young folks of the post were present, and for an hour a phantom party was enjoyed. In the midst of it the lights were turned low and Mepphistopheles himself came in, but (fears were allayed when it became known that it was only Mr. Abbott. The rest of the evening was spent in charades, bobbing for apples, blind man's buff, etc. After supper the Virginia reel was danced, and also Old Dan Tucker.

On Friday evening, Oct. 31, a concert was given in the post hall by the post people. It was for the benefit of the chapel organ. About \$60 was cleared. The following is the programme:

1. Trio—L. Naviganti—Mrs. Ruthers, Dr. Keefe and Mr. Wilde.
2. Tenor solo—Vita Gitana—Dr. Keefe.
3. Violin solo—Mrs. Farrell.
4. "Fleur des Alpes"—Mrs. Pierce.
5. Duet—"Heart Throbs"—Mrs. Pierce and Dr. Keefe.
6. Cornet solo—Lieut. Parker.
7. Solo—"Protestations"—Miss Craigie.
8. Duet—"In vivo e vamo"—Miss Craigie and Lieut. Wilde.
9. Violin solo—"Fantasia"—Mr. Farrell.
10. Soprano solo—"Waiting"—Mrs. Ruthers.
11. Bass solo—"Ginbad"—Lieut. Wilde.
12. Pianist—Mrs. Babcock and Mrs. Parker.

Nearly every piece was enjoyed. It was so thoroughly enjoyed.

Early in the week Col. Townsend held the whole garrison out for three days of continuous field exercises.

Capt. Michler, 5th Cav.; Lieut. Vance, 16th Inf., and Lieut. Wm. Wright and his bride have made short visits at the post during the week.

Lieut. Hodges, 2d Inf., and his bride are at present visiting Lieut. and Mrs. Haines.

Miss Kelton is at present the guest of Miss Cushing. Two short plays, to be given in the course of two or three weeks, are now being rehearsed. The actors are being coached by Maj. Cushing and Lt. Jamar.

Lieut. Gordon, 12th Inf., has arrived at the post for duty with Capt. Craigie's company.

Several dinner parties have been given, and Capt. and Mrs. Moore gave a card party on Tuesday evening.

Bat. F. 2d Art., left here yesterday morning for Fort Riley. They expect to be on the march about eight days. This will vacate four sets of quarters, which are very much needed.

The Friday evening hop was well attended. Dancing is much more enjoyable now than the hop room has been enlarged. After the hop the young folks were invited to Capt. Swigert's for supper.

Yesterday afternoon Dr. and Mrs. Brooke gave a "tea." In receiving Mrs. Brooke was assisted by Madame Wright, Moore, Townsend, Carr and Woodruff. In the dining room Mrs. Foot was assisted by Mrs. Shunk, Miss Lucy Townsend, Miss Kelton and Miss Sano.

The Kansas City Times says:

Lieuts. Brown and Folts, 1st Cav.; Morrison, 20th Inf.; Smith, Med. Dept.; Mr. Folts, of Lancaster, Pa., and Troop C, 1st Cav., returned from their hunting and exploring trip to St. Mary's lakes and the Rockies, Oct. 22.

Lieut. Col. Van Velsah, 4th Inf., has been granted three months' leave. He and Mrs. Van Velsah will be given a reception by the officers and ladies of the garrison on Thursday. At the expiration of his leave Col. Van Velsah will join his new regiment in New Mexico.

Mrs. J. F. Huston and family left for Minneapolis a few days ago to join Captain Huston, now on recruiting duty in that city. They leave many warm friends in the garrison.

Miss Ada Robertson, of Chicago, who has been visiting Mrs. Lieut. Webber for some time, departed for home a short time since. A reception was given to her and Mrs. Huston just before leaving.

Major Wheaton, 20th Inf., just promoted from captain, 20th Infantry, is assigned to duty at his old station, Poplar River.

Lieut. Col. Bates and Capt. Hamner, 30th Inf., with Mr. Parker of Great Falls, expect to go to Buford the coming week for a short time on a hunting trip.

Lieut. Col. Bates and Capt. Hamner and Reynolds went to the Eighteen Mile lakes a few days ago for duck and brought back about 250.

Chaplain Bateman from Vancouver is expected in a few days with his family.

Dr. Fisher of the medical department, who had his foot so severely crushed between the cars nearly three months ago, is rapidly recovering, as he can now perform his duties by the use of crutches.

Light Battery F. 2d Art., under command of Capt. C. A. Woodruff, left Nov. 7 on its march to Fort Riley, Kan. No other organization ever left this post with such general regret as this battery. Having been stationed here for several years, it came to be regarded as one of its institutions. Both its officers and men were well liked, and it will be a long time before another artillery organization is stationed here that will be as popular.

Stray Shots has these items:

Maj. Cushing is a royal all-around man, invaluable when entertainments are contemplated.

Capt. and Mrs. Francis Moore entertained a large number of friends on Thursday.

Capt. and Mrs. J. A. Olmstead, 9th Cav., have been visiting the post as guests of Capt. and Mrs. Moore.

Lieut. and Mrs. M. D. Parker, the latter of whom is a charming pianist, and the former an expert cornetist, have promised soon to favor us at the morning church service at the Prison.

Chaplain S. M. Merrill, who has for a long time been on sick leave, has been ordered to report at this post for examination by a retiring board.

REVENUE MARINE SERVICE.

Capt. L. G. Shepard, Act'g. Chief Rev. Marine Division

Nov. 2.—Commissioned—Lieut. P. H. Ueberroth, vice Starkweather, deceased.

Lieut. W. S. Howland, ordered to the Grant at New York.



## THE STATE TROOPS.

## THE NEW DRILL REGULATIONS.

MAJOR THOS. M. SMITH, of Hartford, Conn., has two classes in one of the public schools in Hartford under instruction in the new Drill Regulations for Infantry.

Adjt.-Gen. A. D. Ayling, of New Hampshire, announces that the Drill Regulations for Infantry, approved and adopted by the U. S. Army, are adopted for the government and instruction of the New Hampshire National Guard, and all infantry exercises and manoeuvres not embraced in this system are strictly prohibited. Extracts from the new Drill Regulations covering the School of the Soldier, School of the Company and the Extended Order have been procured for the use of the command in advance of the publication of the complete Regulations which will be issued as soon as practicable.

Brig.-Gen. Doyle, 4th Brigade, N. Y., directs under date of Nov. 2, that commanding officers of infantry will commence without delay instruction of their officers in the School of the Soldier and the Company, as set forth in the Drill Regulations approved by the Secretary of War Sept. 28, 1891, and the instruction of the enlisted men as quickly as possible.

Adjt.-Gen. A. H. Embler, of Connecticut, under date of Nov. 1, announces that the new Drill Regulations for the Army and militia of the United States are approved by the Secretary of War and now in the hands of the Public Printer. In view of the fact that the complete work may not be ready for issue for some months, and in order that the infantry officers and non-commissioned officers of the Connecticut National Guard may become familiar with the ground work of the drill an issue will at once be made of the extracts published by the ARMY AND NAVY JOURNAL, embracing the School of the Soldier, the School of the Company and the Extended Order. Commandants of infantry companies will immediately inaugurate schools for the instruction of officers and non-commissioned officers of their commands, to the end that when the new system of drill is ordered to be taken up, captains, lieutenants, sergeants and corporals may be competent to instruct the men under them. A few intelligent and reliable privates should be taken into these schools to qualify as "squad leaders," in case of need. The Setting-up Exercise (par. 30) may be at once put in practice in all companies, but the drill will not be attempted until further orders from these headquarters. Col. Dowd, 12th N. Y., directs the commissioned officers of the regiment to report at the armory on the evening of Nov. 16 for theoretical instruction. Each officer will be expected to possess a thorough knowledge of squad and company drills as prescribed in the new drill regulations. The next competition for the Riker trophy will be held at the armory range on Nov. 19.

## MASSACHUSETTS.

We give here some extracts from thereport to the Inspector General of the Army by Capt. H. M. Kendall, 6th Cav., U. S. A., of his inspection of the 2d Mass. Brigade during their encampment at South Framingham July 21 to 25, 1891.

Up to the hour of the daily arrival of visitors in camp the grounds were in excellent condition as to cleanliness; after that it became an utter impossibility to keep the grounds of the troops located near the gates clean, the visitors littering up the grounds with newspapers, banana and orange peels, etc. The men performed the work of policing well.

The men are nearly all young, the greater number under 25 years of age. They appeared to take the greatest interest in all military duties and performed them with zeal and alacrity.

The discipline in the 2d Brigade is very good; the observation of military courtesy between officers is very marked, but on the side of the enlisted men there is room for much improvement. The arms are all well taken care of.

The drills and parades performed during the encampment were of all kinds. Setting up drill of 40 minutes' duration was given each morning immediately after reveille. All drills were well rendered. The skirmish drill, manual of arms, and marching in line of the 9th Regt. of Inf. (Col. Strachan) were fully up to what one ordinarily sees in the Regular Army.

The light artillery drills were satisfactory; the hired horses, at times, appeared to be averse to military duty. The two troops of cavalry are well armed and equipped, and their drills were satisfactory. Excellent work either with cavalry or light artillery can hardly be expected with horses brought together but once a year and then only for five or six days.

There were two daily drills of the Signal Corps during the encampment. The men are well instructed in flagging and reading, and take the greatest interest in their duties. The major portion of the time allowed for target practice in camp was devoted to skirmish firing at a distance of about 250 yards. The result was quite satisfactory.

The brigade guard and those of the regiments of infantry, battalion of cavalry, and light artillery, were ordinarily well performed; the sentinels were vigilant and showed a desire to carry out instructions as they understood them.

The hospital arrangements in camp were perfect, and the drills of the Ambulance Corps excellent. The five bands of the 2d Brigade, as to playing and general appearance, compare well with Army bands.

The books and records of this brigade and its organizations are well kept.

Of the camp of the 1st Corps of Cadets at Ringham, Capt. Kendall says:

The policing of the camp was perfect. The camp was commanded by Lt. Col. Thos. L. Edmonds, who was supported by a competent staff. Lt. Col. Edmonds and his staff were energetic and efficient early and late. The personnel of this corps could not be better, as it is made up of the young business men of Boston and vicinity. The conduct of the cadets while in camp was above reproach. Military courtesy was strictly observed, and the men were obedient and respectful. There was not a single case of drunkenness, none of unauthorized absence, and perfect quiet reigned between taps and reveille. The corps has an excellent band composed of 24 men.

There was practically no sickness in camp. The books and records of the corps are excellently kept.

I saw nothing meriting adverse criticism. The 1st Corps Cadets deserve their motto *Monstrum clem.* It is an ideal military organization.

## SECOND CORPS CADETS.

The police at this camp was very good. The rank and file is composed of excellent material—well-educated young men of good families. The discipline of the corps is very good, yet greater attention might be given to military courtesy; the men do not always salute the officers. The Senior Cadet Band of 24 pieces is by far the best of the Massachusetts military bands. I have rarely heard a better military band. The officers understood tactics thoroughly, the men were mostly well instructed and appeared anxious to learn, and the progress made during the encampment should be most gratifying to Lieut.-Col. Hart and his able assistants. The troops showed the result of their hard work in camp by a splendidly executed dress parade and review before the Governor. The manual of arms was excellent. The corps has had no instruction in signalling. The performance of guard duties as a whole was satisfactory; but the practice of detailing recruits not thoroughly instructed, for guard, should be discontinued. The men practiced jumping, throwing hammer and shot, base ball, etc. They also ran races and went through all kinds of healthy bodily exercises notwithstanding the heat. The percentage of sick in camp was below 3. The books and records of the corps are neatly and accurately kept.

The regimental organization (three battalions) is exactly what it should be. I was struck with the anomaly of a non-commissioned staff at brigade headquarters. The Commonwealth of Massachusetts may well be proud of her Volunteer Militia, as the excellent condition of it to-day must place her in this respect second to no State in the Union.

\* The officers of the corps are able and efficient teachers, and the men proved themselves intelligent, willing and obedient scholars. I do not believe that there is a volunteer military organization in the world superior to either of the two Corps of Cadets, Mass. Volunteer Militia.

A bill is to be introduced in the State Legislature of Massachusetts early in the session of 1892 to amend certain portions of the law passed in 1887 for the government of the Massachusetts militia.

One of the proposed changes, says the Boston Globe, is to divorce the office of inspector general from that of the adjutant general, making the department of inspector general distinct, as is the custom in the U. S. Army and in the States of Alabama, Colorado, Dakota, Delaware, the District of Columbia, Florida, Illinois, Indiana, Iowa, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Oregon, Pennsylvania, and Tennessee. The proposed change has the support of soldiers well versed in military affairs in the Commonwealth.

Col. Strachan of the 9th Infantry said: "I think the idea an excellent one, and that the inspector general should be appointed for a term of years."

Lieut. Col. Edmonds of the 1st Corps of Cadets said: "I favor the separation, and that the adjutant general and inspector general be appointed for life, the former with the rank and pay of colonel in the Army, and the latter as lieutenant colonel. The inspector general to be a graduate of the U. S. Military Academy at West Point."

"I would also favor a reduction of rank of brigade staff officers to the Army basis; nothing higher than captain, and the aides to be lieutenants."

In favoring the appointment of officers for life this officer said: "Nothing would damage the militia quicker than to limit the term of service of officers."

Col. Matthews, of the 1st Infantry, speaking from a military standpoint, said: "I feel that the inspector general's department should be separate from that of the adjutant and quartermaster general, as there can possibly be no similarity in their respective duties. The present requirements of the militia are such that it seems an absolute necessity to the maintenance of a high state of discipline and efficiency that there should be an inspector general's department created, the head of which should rank as a brigadier general, with not less than six assistant inspectors-general, ranking as colonels, and these officers should be selected from the militia, or ex-officers thereof, regardless of their political affiliations, for their special fitness for the duties required."

## Twelfth New York.—Colonel H. Dowd.

At the meeting of the Board of Officers of the 12th N. Y., Nov. 1, the Heavy Artillery Question was discussed. Five companies voted in favor of being transferred into an artillery regiment, two companies voted against it, and three companies took no action at all, but the latter, it is understood, would favor the scheme provided help from the State in the matter would be forthcoming. In more than one company the matter was put to the men in the most unfavorable light possible by officers not in accord with the scheme. One commandant, it is said, gave his men to understand that if reformation took place they would have to spend one day a week the year round at some fort in the harbor, and other far fetched yarns. The officers, however, are divided on the subject, and the scheme is probably dead. An officer of the regiment said: "A couple or more of our officers have spread erroneous ideas concerning the proposed change, and some of the more nervous have consequently become alarmed for fear the innovation might result in a little more work, and the expenditure of a little midnight oil or gas. They are content to follow in the same old rut until perhaps forced out of it by a military funeral." The officers are practically unanimous in favoring a distinctive uniform for the regiment.

## CONNECTICUT.

In accordance with the report of the Brigade Inspector of the State Rifle match for regimental teams of the National Guard, held at Hartford, Wednesday, Oct. 21, the trophies are awarded as follows: 1st prize, silver cup, 3d Regt.; score 200 yards 300, 500 yards 313; total, 613; per cent, 72.98. 2d prize, bronze medallion bust of Gen. U. S. Grant, 1st Regt.; score 200 yards 298, 500 yards 309; total, 607; per cent, 72.26. 3d prize, bronze statuette of a Roman soldier, 2d Regt.; score 200 yards 319; 500 yards 274; total, 593; per cent, 69.33. The members of the 3d Regiment team, to each of whom the Q. M. General will deliver through the regimental commandant, the State medal awarded to members of the winning team, are: Capt. Thomas O. Thompson, Co. D; Capt. Geo. W. Metcalfe, Co. I; 1st Lieut. Cornelius Bransfield, Co. B; 1st Lieut. David Connor, Co. D; 2d Lieut. Chas. A. Miner, Co. I; Q. M. Sergt. Henry B. Hatton, Co. C; Corp. Arthur D. McIntyre, Co. G; Pvt. Lewis H. Williams, Co. F; Pvt. Geo. J. Fox, Co. I; Pvt. John A. Malona, Co. I; Pvt. Luke Phillips, Co. I; Pvt. Chas. E. Warren, Co. I.

## DISTRICT OF COLUMBIA.

In commenting on the annual reports of the Adjutant General, Inspector General and Q. M. General of their inspections of the D. C. Militia, General Ordway, the Brigade Commander, says:

"The military inspections indicate that company commanders still continue to neglect the thorough instruction of recruits in the School of the Soldier and School of the Squad, and the instruction of non-commissioned officers in their duties as guides and file-closers. The inspection of books and papers show that very great improvement has been made in knowledge and methods of keeping them, though in some cases there has been gross neglect of this most essential feature of military efficiency. The inspection of lockers and property books show an improvement in care of property, but there are still some officers who do not realize the nature and extent of their responsibility." "All officers must learn that the military efficiency of their commands will be judged by a consideration of all the requirements necessary to it, and not by drill and appearance alone."

## PENNSYLVANIA.

The new armory of the 2d Regiment, N. G., at Broad and Dauphin streets, Philadelphia, work on which is progressing, will be 200 ft. wide by 235 ft. long, and will be three stories high. On the first floor to the right and left of the main, will be the officers' quarters, and on the second floor will be ten companies' rooms, 20 by 30 in size; on the third floor will be a dining-room, kitchen, gymnasium, janitor's room and such storage rooms as can be arranged in the basement. The companies will have their lockers and quartermaster departments, also wash-room, water closets and everything complete. The large drill floor will be 200 feet wide by 180 feet long, and will be the largest drill floor in the city. One important feature about the armory will be the introduction of a number of shower baths for the use of the men after drill or parades. A rifle range 200 feet long will be found in the basement. Everything will be done to make this one of the most complete armories in the United States. The large drill floor will contain 35,000 square feet. It will be about two years before the armory is completed.

## VARIOUS.

The strength of the National Guard of New York State on Sept. 30, 1891, was 13,536, as compared with 13,745 a year ago.

The 47th N. Y. attended divine service at Christ P. R. Church on Sunday evening, Nov. 8. The Rev. Dr. James Darlington, pastor of the church and chaplain of the regiment, being ill, the Rev. Dr. N. Maynard preached the sermon, the text being taken from Luke, xii, 35 and 36. It was interesting and listened to with much attention.

We shall publish a criticism on the drills of Cos. H and K, 23d N. Y., next week.

Mr. A. E. Harding was elected 2d lieutenant, Co. D, 5th Regiment, Illinois National Guard, Nov. 2, vice Whipple resigned.

There will probably be a military parade in Albany, N. Y., on Jan. 1, 1892, in connection with the inauguration of Gov. Flower.

Co. B, 71st N. Y., (the Harlem company), will give an entertainment at the Harlem Opera House, on Saturday evening, Nov. 14. Drill at 8.15. Dancing from 9 to 11.45.

The corner stone of the new armory of the 23d N. Y., at Bedford and Atlantic avenues, Brooklyn, N. Y., will be laid this afternoon, (Nov. 14) Gov. Hill, accompanied by his staff, will officiate.

The election for a 2d lieutenant in Co. A, 23d N. Y., held on Nov. 9, resulted in the election of Sergt. Alley, of the above company, who received 30 votes against 22 cast for Pvt. Minge, of Co. E.

Adjt.-Gen. Sprague, of Maine, has succeeded in getting the War Department to permit him to use Fort Sullivan at Eastport for the instruction of the Maine militia in heavy artillery. A company of artillery is to be formed and placed under the command of Major E. E. Newcomb.

The 10th Battalion, of Albany, N. Y., Lieut.-Col. Wm. E. Fitch, will visit Boston some time next May. A committee, consisting of Capt. G. J. Greene, Lieut. A. W. Pray, Lieut. A. W. La Rose and Lieut. Charles S. Bynorton, were in Boston, Mass., Nov. 7, in connection with making the preliminary arrangements.

The formation of street column and square in the new Drill Regulations approved by the Secretary of War Sept. 28 are essentially the same as embodied in the tactics of street fighting, published by Col. David E. Austen, 13th N. Y., some 20 years ago, and which appeared in the ARMY AND NAVY JOURNAL at the time of issue.

Captain J. H. Lloyd, 21st Sep. Co., of Troy, N. Y., has held schools for his officers in the new drill regulations for several weeks past, and in company drill got along splendidly. The 21st are quite pleased with the new regulations, and think they are a great improvement over the old tactics. Every man in the company has a copy of the ARMY AND NAVY JOURNAL edition of the Drill Regulations.

The 1st Brigade, N. Y., Examining Board will meet on Nov. 16. The following officers have been honorably discharged: Major J. R. Kelly, 69th Regt.; Capt. G. J. Bascomb and Lieut. G. H. Stone, 1st Regt., and Capt. H. Paret, 9th Regt. Major W. A. Downs, 71st Regt., has returned from the West and reported for duty. Asst.-Surgeon L. K. Neff, 8th Regt., has been commissioned.

In the Pennsylvania National Guard Beverly R. Keim has been appointed aide-de-camp on the staff of Brig.-Gen. Deebert, 1st Brigade, with the rank of captain. Co. D, 10th Regt., is disbanded. Lieut.-Col. Thomas E. Huntington, 1st Regt. Inf., N. G. P., is relieved from duty as acting quartermaster, 1st Brigade, and will report to his command. The general commanding expresses his appreciation of the valued and highly efficient services rendered by Lieut.-Col. Huntington as acting brigade quartermaster.

The efforts to organize a new company of New Jersey National Guard at Arlington is meeting with success. Some 40 men have already signed the roll, and it is expected will be mustered in very shortly. Sergt. Buttle, Co. H, 23d N. Y., has been offered the captaincy and Q. M. Sergt. H. S. Boland, Co. G, 15th N. Y., has been offered the position of 2d lieutenant. Both gentlemen are energetic and well posted, and would undoubtedly fill the positions offered with great credit.

Col. Seward, of the 9th N. Y., directs that the several companies of this regiment be drilled in compliance with the drill regulations approved by the Secretary of War, Sept. 28, 1891, and issued from the office of the Adjutant-General of the State. Schools of instruction are established for the commissioned and non-commissioned officers of the command, for special study of the regulations. The commissioned officers will assemble in fatigue uniform at the armory on the first and third Mondays of each month, commencing Monday, Dec. 7, at 8.30 P. M., for instruction by a field officer. The several company commanders will assemble their respective non-commissioned officers at least twice in each month, commencing Dec. 7.

The eighth games of the 74th Regiment Athletic Association will be held at the 74th Regiment armory, Buffalo, Saturday, Dec. 12, at 8 P. M. The list of events, which are open to all amateurs, are: 1 mile run, 880 yd. run, 440 yd. run, 220 yd. run, 60 yd. run, 220 yd. hurdle, 1 mile walk, 60 yd. sack race putting 16 lb. shot, running high jump—all handicaps; novice race, 440 yds., scratch, and barrel race, 1 lap, scratch. Silver cups to first, second and third in each event. Entrance fee, 5 cents in each event. All entries close positively on Tuesday, Dec. 1, with C. J. Wolf, secretary, 74th Regt. Athletic Association, Buffalo, N. Y.

During the engagement of Cappa, of the 7th N. Y., and his band at the exposition at Pittsburgh, Pa., recently, they were tendered a reception by Local 13 of the National League of Musicians. After the close of the evening concert 200 musicians were in waiting outside of the exposition building with their instruments and escorted Cappa and his musicians to Turn Hall, where a banquet was laid for them to which justice was done. Altogether it was a most delightful affair, and Mr. Cappa and his band have a right to feel proud of their reception at the hands of their brother musicians in Pittsburgh. This reception, coupled with their success at the exposition, will in all probability result in their paying Pittsburgh another visit next year, for they are prime favorites in that city.

The field and staff of the 23d N. Y. gave a dinner to Col. Camp and the line officers of the regiment at the Hotel Marlborough Nov. 11. This was in celebration of Col. Camp's 30 years connection with the regiment, he having joined Co. B as a private Nov. 11, 1861. It was a very enjoyable gathering, and among the invited guests were Adjt.-Gen. J. Porter, Gen. C. F. Robbins and Gen. Louis Fitzgerald. An unlooked for and pleasant incident was the presentation of a diamond medal to Col. Camp, commemorative of his 30 years' service. This presentation was made on behalf of the board of officers by Col. Porter in a happy speech. The latter also during his remarks conveyed the hope that before Dec. 31 next, he would be able to sign the commission of Capt. Briggs as commandant of a new Co. I.

The opening match of the 7th Regiment (N. Y.) Rifle Club—the sharpshooters—took place at the armory range Nov. 7. The condition—were seven shots standing and seven prone, best first score to win. The match was won by Lieut. J. W. Cochran, Co. D, score, 33—35 (out of a possible 70 points). The other qualifications for the armory sharpshooters' medals were as follows: Sergt. H. V. D. Black, Co. B, 33—35; Sergt. G. S. Towle, Co. D, 31—35—65; Sergt. R. M. Dunn, Co. G, 32—35—68; Corp. S. Frothingham, Co. K, 32—35; Lieut. F. S. Kennedy, Co. D, 34—33—67; Lieut. R. McLean, Co. K, 33—35; Sergt. F. W. Ponic, Co. D, 31—34—65; Ord. Sergt. J. Dwight, Jr., N. C. S., 32—35—65; Pvt. J. W. Halstead, Co. C, 32, 33—65. There were 100 entries in the match, and the season started with a great boom. Next Saturday the team-of-two match will be shot.

## COMING EVENTS.

We have received notification of the following:  
Nov. 14.—Laying of corner stone of new armory, 23d New York.  
Nov. 21.—Athletic Games, 23d N. Y., at Brooklyn.  
Nov. 25.—Review of 47th N. Y., at armory, Brooklyn, N. Y.  
Nov. 25.—Athletic games 23d N. Y., at armory.  
Dec. 3.—Review and concert, 15th N. Y., at armory, N. Y. City.



Dec. 3.—Concert and Review, 12th Regiment, at armory, 221 street and 9th Ave., N. Y.  
Dec. 12.—Exhibition drill in new regulations and reception, Co. E, 22d N. Y., at armory.  
Dec. 14.—Athletic Games, 74th N. Y., at Buffalo.  
Dec. 14.—Athletic games, 12th N. Y., at armory.  
Jan. 21.—Annual ball, Old Guard, N. Y.

FOREIGN ITEMS.

The Canadian Government denies the report that the Imperial authorities have complained of neglect in connection with the Canadian fortifications.

President Diaz has given orders to commanders of Mexican troops on the northern frontier that no more persons be shot or punished without previous trial by a competent authority.

The General Annual Return of the British Army for 1890, which has just been issued, shows that the effective strength of the Army during the past year averaged 209,221 officers and men.

A FRENCH journal narrates the following amusing story: An officer was lately serving as a juror, who had lost his right arm on service, and, when taking the oath, he raised his left in place of his right hand. A lawyer who was present objected to the officer, on the ground that he had not taken the oath in the prescribed way, upon which the court considered the case, and delivered the following curious judgment: It decided that when the "glorious debris" of the army present themselves to exercise their legal function, they cannot be called upon to take the oath with members they have lost in the service of their country, and that the court may in such cases allow them to raise any member.

Military Order of the Loyal Legion.

A large number of veterans and of companions of the Vermont Commandery of the Loyal Legion attended the funeral at St. Albans, Nov. 10, of the Hon. John Gregory Smith, a war Governor of Vermont and a kind friend of the soldiers during the war.

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## EXCURSIONS TO WASHINGTON.

A series of personally-conducted tours to Washington has been arranged, via the Royal Blue Line, for November 26th (Thanksgiving Day), December 29th, January 7th. The tickets include all necessary expenses of a three days' trip, and provide for hotel accommodations at Washington, meals en route, baggage transfers, etc. Rates from New York \$11.50, \$12.50 and \$15.00. Proportionate rates from Boston and other New England points. For programme describing these tours write to Thos. Cook and Son, agents for B. and O. R. R., at 261 and 1225 Broadway, New York, or 332 Washington Street, Boston.

## PATENTS FOR MILITARY INVENTIONS.

A selected list of patents reported especially for the U. S. ARMY AND NAVY JOURNAL, by Munn and Co., Patent Attorneys, 361 Broadway, New York City, all bearing date of Nov. 10, 1891:

Isaac H. Claggett, Montevideo, Minn., flying target, 462, 081.  
Robert M. Galloway, New York, N. Y., safety attachment for fire arms, 462, 359.  
Byron W. Fellows, Beverly, Mass., propeller, 462, 897.  
Geo. W. Peifer, Jr., Wilkesbarre, Pa., torpedo plunger, 462, 993.  
Hobt. Johnston, Leonia Haskazoff, St. Petersburg, Russia, gun mounting, 463, 075.  
John B. Compton, Bracebridge, London, Eng.

R. W. TANSILL CO., Chicago, invite all CANTRELLS to address them concerning their \$25,000.00 cash distribution to Smokers, as it is something of interest to Soldiers.

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## BIRTHS.

BUCHANAN.—At Washington, D. C., November 7, 1891, to the wife of Captain J. A. Buchanan, 14th U. S. Infantry, a son.

## MARRIED.

CALM—CAHN.—In New York City, Nov. 7, at the residence of the bride's parents, Miss CORA L., daughter of H. H. Cahn, to Lieut. PAUL A. CALM, Imperial Royal Austrian Army.

GIVIN—CAHILL.—November 10, Mr. HARRY GIVIN to Miss MINNIE CAHILL, daughter of the late Captain James Cahill, 2d U. S. Cavalry.

JONES—CRAMPTON.—At New York City, Nov. 5, MAY EDITH SCHUYLER, daughter of Dr. Henry H. Crampton, to Lieutenant WILLIAM KINLEY JONES, 14th U. S. Infantry.

KANE—KEITH.—On Wednesday, Nov. 11, at Emmanuel Church, Boston, Mass., by the Rev. Percy Brown, of St. James's Church, Roxbury, Mr. DANIEL HIGBEE KANE, son of Captain T. F. Kane, U. S. Navy, to Miss E. BEVEL KEITH.

POWELL—CONGDON.—At Brooklyn, on Wednesday, November 4, at the residence of the bride's parents, by the Rev. H. Price Collier, ELIZABETH B., daughter of Captain Joseph W. Congdon, U. S. R. S., to FRANK L. POWELL, of Newport, R. I. No cards.

SMITH—NORTHROP.—At St. Albans, Vt., on Oct. 21, 1891, by the Rev. D. Sage Mackay, Miss EMMA LOUISE NORTHROP, daughter of Joseph Northrop, Esq., to Captain CHARLES S. SMITH, Ordnance Department, U. S. Army.

## DIED.

BAXTER.—At Glenwood, N. J., November 8, Mrs. JOHN C. BAXTER, mother of 1st Lieut. John Baxter, Jr., Quartermaster 9th U. S. Infantry.

BOOTH.—November 1, at Hotel Bella Vista, San Francisco, Cal., after a long and painful illness, patiently borne, WILLIAM CHATFIELD, only and beloved son of Captain and Mrs. Charles A. Booth, aged twelve years and ten months.

DAY.—In Akron, O., Thursday, Oct. 22, 1891, ELIZA McCARTY DAY, relict of Lieutenant Day, U. S. N., aged 68, of a complication of diseases.

KINGSLEY.—In Brooklyn, Connecticut, Sunday, Nov. 8, RUTH, youngest daughter of Lily and Louis Kingsley, aged four years.

ROBINSON.—At Philadelphia, Pa., Nov. 19, MONCURE ROBINSON, in the 90th year of his age.

SMITH.—At New York City on Nov. 12, 1891, EMMA LOUISE, wife of Captain Charles S. Smith, Ordnance Department U. S. Army, and daughter of Joseph Northrop, Esq., of St. Albans, Vt.



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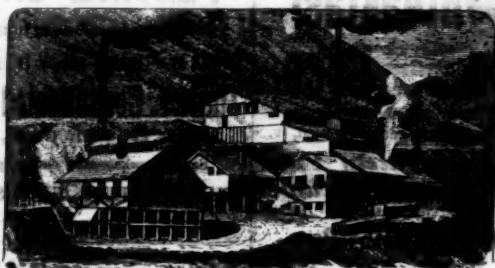
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